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USAFETAC/DS-81/038

AD A-111

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WHITEHORSE Y T DOT APT WBAN #26316
N 60 43 W 135 04 ELEV: 2289 FT. CYXY WMO #72964

PARTS A, C-F
POR FROM HOURLY OBS: JAN 57-DEC 66

REC'D FEB 03.1972.

FEDERAL BUILDING

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
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FILE 81-038

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/038	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Whitehorse Apt, Yukon Territory, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snow Depth Part E- Daily Max, Min, and Mean Temp/ Extreme Max and Min Temp		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Whitehorse Apt, Yukon Territory, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Yukon Territory, Canada
** Whitehorse, Canada
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

The Period of Record for Daily Observations is:
JAN 57- Dec 66

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DATA PROCESSING DIVISION
USAFEDAC 02-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMC NUMBER	
26316		WHITEHORSE Y T DOT APT		N 60 43		W 135 04		2289		CYXY		72964	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Whitehorse Y T DOT Apt	C	Jan 57	Dec 66	N 60 43	W 135 04	2289	N/A	24				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.							

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

26310
STATION

ATTENORSE VT DUTY APT
STATION NAME

57-66

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		.4		30.3		31.2	0.2		.3		8.3	7440
FEB			.2	.3	23.1		23.3	1.0	.0	.2		1.2	6768
MAR			.1		20.9		21.0	.2		.4		.7	7440
APR		.0	.8		7.8		8.5	.1		.3		.1	7200
MAY		.0	5.5		3.8	.0	9.0	.0				.0	7440
JUN		.5	10.3		.1	.0	10.3	.2	.2		.0	.4	7199
JUL		.3	10.3				10.3	.1	1.0			1.0	7440
AUG		.1	12.9		.0	.0	12.9	.8	.1			.8	7440
SEP			11.6		1.5	.0	12.7	.6				.6	7200
OCT			3.7	.1	13.6		17.0	1.0				1.0	7440
NOV			.4		30.3		31.2	3.8		.2		3.9	7200
DEC			.6	.1	33.1		33.6	7.4	.0	.3		7.7	7439
TOTALS		.1	4.7	.0	14.2	.0	18.8	2.0	.1	.1	.0	2.1	87646

2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

26316
STATION

MITCHELL AFBT
STATION NAME

57-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		.2		30.5		31.8	8.2				8.7	930
	03-05		.1		31.1		31.1	9.1		.5		9.6	930
	06-08		.3		31.1		31.3	10.6		.5		11.3	930
	09-11		.5		28.2		28.7	10.8		.2		11.0	930
	12-14		.5		30.5		31.1	6.9		.1		7.0	930
	15-17		.5		31.5		32.0	6.2				6.0	930
	18-20		.6		32.4		33.0	6.8				6.8	930
	21-23		.1		31.6		31.7	6.7				6.7	930
TOTALS			.4		30.6		31.2	8.2		.2		8.3	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/IAO

WEATHER CONDITIONS

26310 HITCHCOCK AFB, TEXAS
STATION

57-66

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		.2	.2	26.7		26.5	.5		.1		1.1	846
	03-05		.2		28.4		28.5	1.7		.4		2.0	846
	06-08		.1	.1	34.2		34.3	2.2		.4		2.6	846
	09-11		.2		33.6		33.8	1.4		.2		1.7	846
	12-14		.6		27.0		27.2	.4				.4	846
	15-17		.4		24.5		24.7	.4				.4	846
	18-20				24.4		24.8	.4				.4	846
	21-23				26.4		26.4	.7	.1	.2		1.3	846
TOTALS			.2	.0	28.1		28.3	1.0	.0	.7		1.2	6768

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

WEATHER CONDITIONS

26310 DITCHFIELD AFB, MISSISSIPPI
STATION

57-66

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02				24.1		24.1	.1		.3		.4	930
	03-05		.1		26.1		26.2	.4		.3		.8	930
	6-08		.2		25.1		25.3	.6		.6		1.3	930
	9-11				23.6		23.8	.4		.6		1.1	930
	12-14				17.2		17.2			.6		.6	930
	15-17		.3		14.0		14.2	.1		.9		.6	930
	18-20		.3		15.4		15.6			.3		.3	930
	21-23				20.2		20.2			.3		.3	930
TOTALS			.1		20.9		21.0	.2		.4		.7	7440

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

26310 WHITEHOUSE VT DDT APT
STATION STATION NAME

57-66

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	.1	.0		9.7		10.2	.2				.2	900
	03-05		.4		10.4		10.9	.1				.1	900
	06-08		.4		9.7		10.0	.2				.2	900
	09-11		.7		8.4		9.0	.1				.1	900
	12-14		1.4		7.1		8.4						900
	15-17		1.1		5.4		6.6						900
	18-20		1.1		4.6		5.2						900
	21-23		.7		6.3		7.4	.1		.1		.2	900
TOTALS		.0	.8		7.8		8.5	.1		.1		.1	7200

1
2
1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26210
STATION

HITCHESE YTD APT
STATION NAME

57-66

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		5.5		4.6		9.9						930
	03-05		5.2		5.4		10.3						930
	06-08		5.2		5.6		10.3						930
	09-11		7.0		4.7		11.3						930
	12-14	.1	6.3		3.1	.1	9.2						930
	15-17		6.5		2.3		8.6						930
	18-20		4.4		1.8		6.2						930
	21-23	.1	4.0		2.4		6.2	.2				.2	930
TOTALS		.3	5.5		3.8	.0	9.0	.0				.0	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

WEATHER CONDITIONS

26316
STATION

WHITEHORSE VT OUT APT
STATION NAME

57-66
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		0.4				.4	.3	.3			.7	900
	03-05		11.2		.2		11.3	.7	.2			.9	900
	06-08		10.2		.7		10.3	.2				.2	900
	09-11	.6	12.1		.1	.1	12.2	.3	.2			.6	900
	12-14	1.3	12.5			.1	12.5				.1	.1	899
	15-17	1.7	10.9			.1	10.9		.1			.1	900
	18-20	.2	9.4				9.4		.1			.1	900
	21-23		7.6				7.6		.3			.3	900
TOTALS		.5	10.3		.1	.0	10.3	.2	.2		.0	.4	7199

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

26312
STATION

HIT HORSE VT DUT APT
STATION NAME

57-66

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02		7.5				7.5		.8			.8	930
	03-05		9.7				9.7	.1	.4			.5	930
	06-08	.1	11.9				11.9	.1	.2			.3	930
	09-11		11.2				11.2		.5			.5	930
	12-14	.5	11.6				11.6	.1	1.2			1.3	930
	15-17	.6	11.4				11.4	.1	1.4			1.5	930
	18-20	.8	9.8				9.8		1.7			1.7	930
	21-23	.3	9.1				9.1		1.4			1.4	930
TOTALS		.3	10.3				10.3	.1	1.0			1.0	7440

ATA PROCESSING DIVISION
SAFETY
WEATHER SERVICE/AC

WEATHER CONDITIONS

203.1 MITCHELL VT DIT PT
STATION

57-66

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	0-02		13.1		.2		14.1	1.1				1.1	930
	03-05		13.0				13.8	1.7				1.7	930
	06-08		14.4				14.3	2.0				2.0	930
	09-11		14.0				14.0	.8	.2			1.0	930
	12-14		12.8				12.8		.2			.2	930
	15-17	.1	12.3				12.3						930
	18-20	.4	10.3			.1	10.9	.2				.2	930
	21-23	.2	11.3				11.8	.2				.2	930
TOTALS		.1	12.9		.0	.0	12.9	.8	.1			.8	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26310 HITCHCOCK VT DUT APT
STATION STATION NAME

57-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02		12.1		1.2		13.0	.4				.4	900
	03-05		11.2		1.3		12.4	1.8				1.8	900
	06-08		9.9		2.3		11.6	2.4				2.4	900
	09-11		9.2		2.1		11.0	.1				.1	900
	12-14		11.8		1.3	.1	12.7						900
	15-17		12.7		1.3		13.1	.1				.1	900
	18-20		13.3		1.0		14.0	.1				.1	900
	21-23		12.6		1.4		13.9						900
TOTALS			11.6		1.3	.0	12.7	.6				.6	7200

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

WEATHER CONDITIONS

26316
STATION

PITTSBURGH VT OUT APT
STATION NAME

57-66
YEARS

1 OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		3.0	.1	12.2		14.9	2.0				2.0	930
	03-05		3.3	.1	12.4		15.8	2.3				2.3	930
	06-08		3.8		16.7		19.9	2.3				2.3	930
	09-11		5.4	.2	17.3		22.4	.9				.9	930
	12-14		4.2		14.0		17.7						930
	15-17		4.1		12.0		15.8						930
	18-20		3.5		11.9		15.4	.2				.2	930
	21-23		2.5	.2	11.5		14.1	.5				.5	930
TOTALS			3.7	.1	13.6		17.0	1.0				1.0	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26316 WHIT HORSE YF OUT APT
STATION STATION NAME

57-66

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	00-02		.8		28.6		29.3	5.2		.1		5.3	900
	03-05		.6		29.0		29.4	5.1		.1		5.2	900
	06-08				31.2		31.2	5.2				5.2	900
	09-11		.4		30.7		31.1	4.2		.3		4.4	900
	12-14		.7		29.8		30.3	1.0		.3		1.3	900
	15-17		.3		31.0		31.3	.9		.3		1.2	900
	18-20		.2		33.0		33.2	3.0		.3		3.3	900
	21-23		.1		33.7		33.8	5.4				5.4	900
TOTALS			.4		30.9		31.2	3.8		.2		3.9	7200

2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAG

WEATHER CONDITIONS

26314
STATION

HITLERSE VT DBT APT
STATION NAME

57-66

YEARS

SFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		.5		32.6		32.7	8.6		.3		8.3	930
	03-05		.6		33.2		33.7	7.0		.3		7.3	930
	06-08		.1	.1	35.1		35.1	9.0		.1		9.1	930
	09-11			.3	29.5		29.2	7.7		.2		8.0	930
	12-14		.7	.1	32.5		33.1	5.5				5.5	930
	15-17		1.2		33.5		34.6	6.4	.1	.4		6.8	929
	18-20		.8	.2	34.7		35.4	7.5		1.7		8.5	930
	21-23		1.0	.3	34.3		34.9	7.8		.4		8.3	930
TOTALS			.6	.1	33.1		33.6	7.4	.0	.3		7.7	7439

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

DATA NOT AVAILABLE

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate Percentage Frequency Tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION NAME: HIT HOUSE VT DIST APT STATION NAME: 57-66 YEARS: ALL MONTH: ALL CLASS: ALL HOURS (L.S.T.): ALL CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	1.1	.5	.1	.0	.0					4.4	6.3
NNE	.2	.1	.1	.0	.0	.0						.5	5.9
NE	.5	.1	.1	.0		.0						.1	3.9
ENE	.1	.0	.0	.0								.1	3.3
E	.1	.2	.2	.1	.0							1.2	4.8
ESE	.3	.3	.9	1.2	.2	.0	.0	.0				3.0	10.5
SE	3.4	3.0	6.9	9.7	2.8	.6	.1	.0				26.5	10.7
SSE	1.2	1.5	4.3	6.9	2.1	.5	.1	.0				16.5	11.8
S	1.0	1.4	2.5	2.4	.8	.2	.0	.0				9.1	9.3
SSW	.4	.3	.5	.7	.1	.0						2.1	3.2
SW	1.3	.8	.6	.5	.1	.0	.0					3.2	6.2
WSW	.4	.4	.3	.1	.0	.0						1.1	4.0
W	1.5	.8	.4	.1	.0	.0						2.6	4.5
WNW	.7	.6	.6	.2	.0	.0	.0					2.0	5.4
NW	3.4	3.6	3.6	1.8	.3	.1	.0					13.2	6.8
NNW	.9	1.1	1.5	1.0	.2	.0	.0					4.7	8.1
VARBL													
CALM												8.8	
	18.4	15.6	23.6	25.2	6.4	1.5	.2	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 87647

1
2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION 20310 Y1 OUT API 57-66 JAN
STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.3	.5	.1		.0						4.1	4.4
NNE	.1	.0	.0									.2	4.2
NE	.3	.0	.0									.3	2.5
ENE	.7	.0	.0									.1	5.2
E	.7	.1	.0	.0								.8	2.8
ESE	.4	.3	.2	.1	.1							1.1	6.2
SE	4.6	2.7	2.7	4.1	2.4	1.0	.2	.0				17.7	10.1
SSE	1.2	1.1	2.3	7.4	3.7	1.5	.3	.0				17.6	14.0
S	1.5	1.0	1.5	2.2	1.0	.4	.1	.0				7.7	10.5
SSW	.1	.1	.1	.1	.0	.0						.4	7.8
SW	.3	.1		.0	.0	.0						.7	4.3
WSW	.2	.0	.0	.0	.0	.0						.3	6.2
W	.4	.3	.2		.0	.0						1.4	4.1
WNW	.9	.7	1.1	.3	.0	.0						3.1	6.8
NW	7.1	7.5	5.6	2.3	.4	.1	.0					23.8	6.1
NNW	2.1	2.5	1.7	.3	.2	.1						7.0	6.1
VARBL													
CALM												13.1	
	23.2	17.0	16.2	17.0	7.9	3.2	.6	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7439

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/JAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION NAME: WHITEHORSE VT DPT APT STATION NAME: 57-66 YEARS: FEB MONTH: ALL HOURS (L.S.T.): ALL

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.8	.3	.0							4.2	5.2
NNE	.1	.0	.0									.1	3.4
NE	.4	.0	.1									.5	1.0
ENE	.0	.0										.1	3.0
E	.0	.1	.1	.0	.0							1.0	3.9
ESE	.3	.1	.2	.5	.2	.1						1.5	9.9
SE	4.4	2.9	3.4	7.8	3.9	1.1	.0					23.0	11.3
SSE	1.5	1.3	3.0	6.0	3.5	.7	.1	.1				15.2	12.9
S	1.7	.6	1.3	1.9	1.3	.9	.0					7.1	11.3
SSW	.1	.2	.2	.3	.1	.0						.3	9.6
SW	.3	.2	.1	.1	.0		.0					1.0	5.3
WSW	.1	.2	.1	.0	.0							.4	5.3
W	1.1	.7	.3	.1	.1							2.3	4.1
WNW	.7	1.0	1.0	.1	.1	.0	.0					2.9	6.7
NW	5.5	5.4	6.3	2.0	.3	.1	.0					20.2	6.9
NNW	1.1	1.3	2.2	1.4	.1							6.0	7.9
VARBL													
CALM												10.4	
	20.3	15.3	18.9	22.5	9.5	2.8	.3	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6768

1
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION NAME: HATHORSE YT OUT APT YEARS: 57-66
STATION MONTH: ALL WEATHER CLASS: ALL HOURS (L.S.T.)
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	.9	.7	.1							4.4	6.9
NNE	.1		.0									.1	4.0
NE	.1	.0										.2	3.0
ENE	.1		.0									.1	6.6
E	.3	.2	.2	.1	.0							.8	6.6
ESE	.2	.1	.7	1.1	.3	.1						2.4	11.7
SE	2.6	1.9	3.1	8.1	2.7	.7	.1	.0				21.1	11.4
SSE	1.7	1.1	3.7	7.3	2.4	.3	.0					15.9	12.2
S	1.4	1.2	2.3	2.1	.6	.1	.0					7.7	9.4
SSW	.4	.1	.3	.3	.0	.1						1.2	8.4
SW	1.2	.6	.4	.3	.1	.0						2.7	6.1
WSW	.4	.4	.4	.0								1.4	5.3
W	1.3	1.3	.6	.0	.0							3.4	4.9
WNW	.6	.9	.8	.1	.1							2.7	6.0
NW	4.7	4.9	6.1	4.2	.8	.4						21.1	8.0
NNW	.5	.8	1.3	1.6	.2	.0	.0					4.4	9.7
VARBL													
CALM												10.4	
	16.4	14.8	22.8	25.9	7.4	1.7	.1	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316	WHITEHORSE VT DUT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L & T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.8	1.2	.6	.2	.2	.1					4.4	8.0
NNE	.1	.1	.1	.0								.3	5.8
NE	.5	.1	.1	.0								.7	4.0
ENE	.1	.0	.0	.0								.1	5.1
E	.6	.2	.2	.1	.0							1.1	5.4
ESE	.4	.4	1.0	1.7	.3	.0						3.8	10.6
SE	3.7	2.9	8.5	11.0	2.4	.4						28.3	10.5
SSE	1.1	1.5	5.0	5.4	.7	.2	.0					14.0	10.4
S	2.2	2.0	3.0	1.9	.3	.0						9.4	7.7
SSW	.7	.4	.8	1.1	.2	.0						3.3	8.9
SW	2.0	1.7	1.3	.7	.2	.0						5.9	6.4
WSW	.4	.6	.5	.2	.0	.0						1.8	6.7
W	1.3	1.1	.6	.2								3.2	4.9
WNW	.6	.5	.4	.3	.1	.0						1.9	7.0
NW	2.4	2.5	2.8	2.4	.5	.1	.0					10.7	8.2
NNW	.7	.8	1.3	1.1	.4	.0						4.5	9.2
VARBL													
CALM												6.5	
	17.2	15.7	26.9	26.8	5.2	1.1	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHORSE YT DUT APT 57-66 YEARS DAY MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.7	1.2	.3	.1							3.7	5.8
NNE	.3	.3	.3	.1								.9	6.3
NE	.9	.3	.3	.0								1.5	4.3
ENE	.0	.1	.1									.3	6.4
E	.4	.3	.4	.2	.0							1.9	5.5
ESE	.4	.5	1.5	2.1	.4	.1						5.0	10.8
SE	3.7	4.0	9.9	10.0	2.1	.2	.0					29.9	9.8
SSE	.9	1.8	4.6	5.3	1.0	.3	.0	.0				13.9	10.7
S	1.5	1.6	2.4	2.2	.4	.1						8.5	8.6
SSW	.6	.6	1.3	1.7	.4							4.6	9.9
SW	1.3	1.1	1.2	1.3	.1	.0						5.2	7.7
WSW	.5	.4	.6	.1	.1	.0						1.7	6.9
W	1.2	.7	.7	.3	.0							3.0	5.5
WNW	.4	.4	.5	.4	.0							1.6	7.5
NW	2.2	1.9	2.3	1.1	.2	.1						7.9	7.2
NNW	.8	1.0	1.5	.7	.2	.0						4.3	8.1
VARBL													
CALM												6.2	
	17.2	15.9	26.7	25.9	5.0	.9	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHOUSE VT DIRT APT 57-66 YEARS MONTH JUN
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.6	1.2	.6	.1	.0						5.3	6.1
NNE	.4	.3	.3	.1								1.2	6.0
NE	1.2	.5	.3	.1		.0						2.1	4.5
ENE	.1	.1	.2	.0								.3	6.5
E	1.2	.6	.6	.2	.0							2.6	9.2
ESE	.5	.8	1.9	2.0	.3	.1						5.5	10.2
SE	4.0	4.2	10.4	9.4	1.7	.2	.0					29.9	9.5
SSE	1.2	2.0	4.9	4.2	.6	.1						13.0	9.6
S	2.1	1.9	2.2	1.1	.1	.0						7.3	6.8
SSW	.7	.6	.3	1.4	.3							3.5	9.6
SW	1.6	1.2	.9	.7	.2	.0						4.6	6.7
WSW	.4	.6	.4	.3	.0	.0						1.7	6.9
W	1.3	1.0	.6	.2	.0							3.2	5.3
WNW	.3	.4	.4	.1	.0	.0						1.2	6.8
NW	2.8	2.0	2.3	.7	.1							8.1	6.0
NNW	.6	.3	1.2	.2	.0	.0						3.2	7.5
VARBL													
CALM												7.3	
	20.1	18.6	28.5	21.6	3.5	.5	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

7200

2

DATA PROCESSING DIVISION
 USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION 26310 WHITEHOUSE VT OUT ART STATION NAME 57-66 YEARS MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	1.5	.5	.0							5.6	5.9
NNE	.3	.5	.5	.1	.0							1.4	6.6
NE	1.0	.4	.2	.0								1.6	4.0
ENE	.1	.1	.1									.3	4.3
E	1.1	.4	.4	.2								1.6	5.3
ESE	.4	.7	1.9	2.4	.4			.0				5.7	10.7
SE	3.4	3.9	11.3	11.1	1.6	.1						31.3	9.8
SSE	1.3	1.9	5.3	3.8	.5	.0						12.9	9.3
S	2.2	2.2	2.7	1.1	.1	.0						8.1	6.7
SSW	.7	.4	.8	1.2	.2							3.5	9.1
SW	1.6	1.4	.9	.0	.1	.0						4.8	6.5
WSW	.4	.4	.4	.1	.0							1.3	5.9
W	1.1	.4	.5	.2	.0							2.6	5.2
WNW	.3	.4	.3	.2	.0							1.3	6.6
NW	2.4	2.2	1.9	.8	.1							7.3	6.1
NNW	.6	.7	1.3	.6	.0							3.2	7.4
VARBL													
CALM												7.1	
	18.5	18.3	29.8	23.1	3.1	.1		.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26216 STATION NAME WHITEHORSE Y1 DUT APT 57-66 YEARS AUG MONTH
ALL CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.5	.5								5.2	5.8
NNE	.2	.2	.1	.1	.0							.6	5.7
NE	.2	.1	.1									.7	3.3
ENE	.1	.0		.0								.1	4.7
E	.0	.1	.2	.1	.0							.9	4.9
ESE	.3	.4	1.4	1.7	.2	.0						4.0	10.3
SE	3.2	4.1	10.2	11.0	1.6	.1						30.4	9.8
SSE	1.2	1.9	6.0	3.9	.9	.1						15.9	10.2
S	2.5	2.0	3.1	1.4	.2	.0						9.3	7.1
SSW	.7	.3	.4	.7	.1	.0						2.5	8.3
SW	2.2	1.1	.6	.7	.1	.0						4.6	5.8
WSW	.5	.5	.4	.1	.0							1.5	5.8
W	1.3	.7	.6	.0	.0							2.6	4.6
WNW	.3	.4	.4	.2								1.3	6.3
NW	2.6	2.8	2.2	1.0	.0							8.7	6.0
NNW	.7	1.2	1.1	.5	.0							3.7	7.1
VARBL													
CALM												7.9	
	19.1	17.3	28.2	23.9	3.4	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7440

1
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION HITEHURSE VT DUT APT 57-66 YEARS SFP
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	1.0	.3	.0	.0	.0					3.3	6.1
NNE	.1	.2	.2		.0							.6	6.1
NE	.5	.1	.1	.0								.7	3.6
ENE	.0	.0										.1	3.2
E	.0	.1	.1	.0	.0							.9	4.2
ESE	.3	.3	.9	1.2	.2	.1	.0					2.9	11.0
SE	3.6	3.4	8.7	12.4	2.5	.5	.0					31.1	10.5
SSE	1.4	1.8	5.7	9.1	1.4	.1						19.6	10.9
S	2.6	1.9	3.1	2.7	.5	.0	.0					10.8	8.4
SSW	.5	.4	.6	.5	.2	.1						2.2	8.8
SW	1.8	1.1	.5	.4	.1	.0						3.9	5.6
WSW	.4	.0	.2	.2								1.4	6.2
W	1.5	.8	.3	.1	.0							2.7	4.3
WNW	.0	.4	.3	.1								1.4	3.4
WW	2.0	2.1	2.1	.5	.0							7.4	5.7
NNW	.5	.7	.6	.7	.1							2.6	7.9
VARBL													
CALM												8.0	
	18.3	14.9	24.4	28.4	5.0	.8	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 16316 WHITEHOUSE YT OUT APT STATION NAME 57-66 YEARS OCT MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.7	.8	.7	.1	.0						3.3	7.6
NNE	.1	.1	.0	.0								.2	4.6
NE	.4	.0	.1	.0								.5	4.3
ENE	.0		.0									.0	6.0
E	.4	.1	.1	.1	.0							.6	5.0
ESE	.1	.1	.3	1.1	.3	.1						2.2	12.8
SE	1.9	1.9	6.3	14.6	4.3	1.1	.2	.0				30.3	12.6
SSE	1.2	1.4	4.9	11.1	3.0	.5	.0					22.2	12.4
S	1.4	1.3	3.3	3.8	.6	.1	.0					11.2	9.6
SSW	.3	.3	.4	.5	.1	.1						1.7	9.8
SW	1.1	.5	.4	.2		.0						2.2	5.4
WSW	.3	.3	.1	.1								.8	5.2
W	1.3	.9	.3	.0								2.7	3.8
WNW	.5	.4	.4	.1	.0							1.5	6.0
NW	3.0	2.7	2.3	1.3	.4	.1	.0					9.9	7.0
NNW	.4	.7	1.1	.9	.1							3.2	8.5
VARBL													
CALM												7.5	
	14.0	11.6	21.1	34.7	9.0	2.0	.3	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 7440

1
2DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/DACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATIONWHIT HORSE VT OUT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.9	.6	.1	.0						4.1	6.4
NNE	.1	.0		.0								.1	4.6
NE	.4	.1										.4	2.9
ENE	.0	.0										.0	4.0
E	.4	.1	.0	.0								.6	3.1
ESE	.9	.1	.2	.3	.1	.0						.9	9.3
SE	3.2	1.8	3.3	8.0	3.8	1.0	.1	.0				21.9	12.0
SSE	1.3	1.2	2.9	7.5	3.5	.9	.0					17.3	13.0
S	1.7	.9	2.8	4.9	1.8	.4	.0					12.5	11.4
SSW	.2	.2	.3	.2	.0							.9	8.0
SW	1.0	.3	.4	.1	.0							1.8	4.5
WSW	.4	.2	.1									.7	3.9
W	1.6	1.0	.4	.0								3.0	4.3
WNW	.8	1.1	1.2	.1	.0							3.3	5.9
NW	4.0	4.1	5.1	2.4	.4	.2						16.1	7.1
NNW	1.3	1.1	2.3	1.9	.2	.0						6.9	8.5
VARBL													
CALM												10.1	
	18.1	13.4	19.8	25.9	9.9	2.9	.2	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 AFAL/USAF
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
 STATION

MITCHELL VT OUT APT
 STATION NAME

57-66
 YEARS

DEC
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	1.3	.8	.4	.1						6.0	7.7
NNE	.1	.2	.0									.1	1.9
NE	.2	.0										.2	2.5
ENE	.2			.2								.1	5.5
E	.6	.1	.0									.3	2.9
ESE	.2	.2	.1	.2	.0							.9	7.5
SE	3.1	2.4	3.3	8.7	4.9	1.3	.1	.0				23.6	12.3
SSE	.2	1.2	3.1	8.1	4.0	.9	.1					18.1	13.5
S	.7	.6	1.7	3.9	2.5	.5	.0					9.9	13.1
SSW	.1	.1	.2	.1	.0							.5	8.8
SW	.7	.1	.1	.0								1.0	3.7
WSW	.2	.1										.3	3.2
W	1.2	.6	.1									1.7	3.6
WNW	.6	.0	.6	.3								2.2	6.3
NW	5.4	4.3	4.2	2.7	.4	.0						17.1	6.7
NNW	1.6	1.5	2.3	1.4	.4	.0						7.2	8.9
VARBL													
CALM												10.3	
	16.7	13.4	17.1	26.9	12.5	6.8	.3	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

46314 STATION 001T-0015E VT OUT APT 57-66 YEARS JAN MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1	.9									4.2	4.4
NNE	.2		.1									.3	4.3
NE	.4											.4	2.0
ENE			.1									.1	10.0
E	.4	.1										.5	2.4
ESE	.2	.2	.1	.3								.9	8.0
SE	4.3	1.7	2.9	4.3	2.4	.9		.1				16.7	10.3
SSE	.6	1.2	1.5	8.8	3.4	1.2						16.8	13.9
S	2.0	1.4	1.5	2.2	1.4	.2	.1					8.8	10.1
SSW	.1	.1	.1			.1						.4	10.0
SW	.4				.1							.5	5.2
WSW	.2	.1										.3	4.0
W	1.5	.5	.4									2.5	3.7
WNW	1.3	.6	1.3	.5		.2						4.0	7.8
NW	10.2	8.6	4.3	1.6	.5	.5	.1					25.9	5.9
NNW	2.6	2.0	1.6	.1		.1						6.5	5.3
VARBL													
CALM												11.2	
	29.4	18.0	14.8	17.8	7.8	3.1	.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26316 MILITARY YI CUT APT STATION NAME 57-60 YEARS JAN MONTH
 CLASS ALL WEATHER
 HOURS (LST) 0300-0500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	.3	.1								3.5	4.2
NNE	.6		.1									.2	4.7
NE	.4											.4	2.5
ENE		.3										.3	4.3
E	1.0		.1	.1								1.2	3.8
ESE	.3	.8	.1	.1								1.3	5.2
SE	4.4	2.8	2.7	4.4	2.4	1.4	.2					18.8	10.3
SSE	1.3	.9	2.7	6.3	2.6	1.6	.5	.1				16.0	14.0
S	1.4	.3	1.9	1.5	.9	.1	.1	.1				6.8	10.4
SSW	.2	.2	.1									.2	3.9
SW	1.1				.1	.1						1.3	5.4
WSW	.6	.1	.1	.1								.5	6.6
W	.2	.1	.1		.1	.1						1.0	7.3
WNW	1.1	.2	1.0	.4	.2							3.2	7.1
NW	7.4	8.4	5.8	1.2	.8	.1	.1					23.8	6.7
NNW	1.2	2.8	1.4	.4	.1							5.9	5.1
VARBL													
CALM												14.7	
	23.4	18.9	16.5	14.7	7.1	2.4	1.0	.2				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 DTAG/USAF
 AIR WEATHER SERVICE/DTAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION 017, HANSEN VT MET APT 57-66 YEARS JAN MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.0	.6	.1								3.3	4.6
NNE	.1											.1	3.0
NE	.5											.3	2.3
ENE													
E	.4	.1										1.0	2.3
ESE	.4	.4	.2									1.4	4.1
SE	5.0	3.7	2.7	3.9	2.0	1.5	.1	.2				20.1	9.6
SSE	1.5	1.5	2.7	6.8	3.2	1.2	.2					17.1	12.9
S	1.7	1.3	.9	1.8	.5	.1						6.3	8.6
SSW	.1	.2		.1	.2							.6	10.7
SW	.3	.2		.1								.9	4.1
WSW	.3											.3	2.3
W	.3	.1										1.0	2.6
WNW	.0	.0	1.2	.4								2.9	7.1
NW	7.1	6.5	5.6	2.2	.5							21.4	6.1
NNW	2.4	2.2	2.3	.4	.4							8.0	6.8
VARBL													
CALM												14.8	
	24.8	17.6	16.1	16.2	7.0	2.8	.3	.2				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26310 STATION NAME WITTIKORSE VI OUT APT YEARS 57-66 MONTH JAN
CLASS ALL WEATHER HOURS (L S T) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.5	.3	.3								4.4	4.6
NNE	.2											.2	3.0
NE	.2											.2	2.5
ENE													
E	1.2	.1										1.6	2.7
ESE	.5	.3	.1	.3								1.3	6.2
SE	5.4	2.4	2.2	4.2	1.8	.9	.2					17.3	9.4
SSE	1.5	.8	2.3	8.1	3.7	1.4	.8					18.6	14.2
S	1.4	.6	1.1	1.7	1.4	.4	.1					6.9	11.3
SSW				.1								.1	16.0
SW	1.1	.1		.1								1.3	3.0
WSW	.1					.1						.2	12.5
W	1.2	.3	.2									1.7	3.5
WNW	.9	1.1	1.2	.2								3.0	6.3
NW	6.3	7.0	6.0	2.5	.4							22.4	6.3
NNW	1.2	1.7	1.5	.2	.3							5.3	6.5
VARBL													
CALM												14.9	
	24.8	16.1	14.9	17.7	7.7	4.8	1.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATION

WHITEHORSE YT DIST ART
STATION NAME

57-66

YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	.9	.2								5.0	5.0
NNE												.4	3.3
NE	.3		.1										
ENE													
E	.4	.2	.1									.8	3.6
ESE	.4	.1	.5									1.1	5.7
SE	4.1	3.1	2.2	4.6	2.7	.9	.2					17.8	10.2
SSE	1.3	.6	2.8	8.1	4.0	1.7	.2					18.4	14.9
S	.4	.3	2.0	2.2	.9	.8						7.7	12.1
SSW			.1									.1	7.0
SW		.1		.1								.2	7.0
WSW				.1	.1							.2	13.0
W	.4				.1							.5	9.8
WNW	.3	.1	.5									1.4	5.8
NW	6.3	7.2	6.8	3.2	.2							23.9	6.4
NNW	2.6	3.3	1.7	.2	.3	.1						7.9	6.1
VARBL													
CALM												15.4	
	18.4	17.3	17.8	18.7	8.3	3.4	.4					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

929

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

SMITHBORO VT OUT APT
STATION NAME

57-66
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.6	.8									5.4	4.0
NNE													
NE	.2	.1										.3	2.7
ENE													
E	.4											.4	2.3
ESE	.3	.1	.2	.2	.2							1.1	10.0
SE	2.8	2.4	4.1	3.8	2.5	1.3	.1					16.9	10.9
SSE	1.2	1.4	1.7	7.3	4.5	1.5	.2					17.8	14.2
S	1.3	1.2	2.3	2.4	1.0	.5						8.6	10.4
SSW	.2			.2								.4	7.0
SW		.1										.1	4.0
WSW			.1									.1	9.0
W		.2										.2	4.5
WNW	.9	.3	1.4	.1								2.7	6.5
NW	8.6	7.4	6.1	2.4	.3							24.8	5.9
NNW	2.4	3.2	1.4	.2	.2	.2						7.6	5.8
VARBL													
CALM												13.0	
	21.7	18.1	18.1	16.6	8.7	3.5	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITEHORSE YT OUT APT 37-66 JAN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.3	.5	.1		.1						4.4	4.8
NNE		.1										.1	6.0
NE	.3	.1										.4	2.5
ENE	.1											.1	3.0
E	.1											.1	3.0
ESE	.5	.1		.1	.2							1.1	6.6
SE	3.4	2.4	2.8	3.8	2.5	.6	.3					16.2	10.4
SSE	1.3	1.2	2.6	5.8	4.0	1.7	.5					17.1	14.3
S	1.1	1.1	1.9	3.0	1.0	.4	.1					8.6	11.1
SSW			.2	.1								.3	9.7
SW	.1	.3										.4	4.0
WSW	.4	.1	.1									.6	3.8
W	1.4	.6	.4									2.5	4.0
WNW	1.2	1.2	1.8	.1								4.3	5.6
NW	8.5	7.7	4.5	2.5	.2							23.4	5.7
NNW	2.3	2.7	1.7	.2	.1	.2						7.2	6.2
VARBL													
CALM												13.7	
	23.7	18.9	16.7	13.7	8.0	3.1	1.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20310 STATION NAME WHITEHORSE VT DUT APT YEARS 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8										2.4	3.2
NNE	.1	.1										.2	4.0
NE	.2											.2	2.0
ENE													
E	.5	.1										.6	2.5
ESE	.2	.2	.1									.5	4.0
SE	5.2	2.3	2.3	3.9	2.7	.9	.2					17.5	9.8
SSE	1.1	1.3	2.4	8.2	4.2	1.3	.3					18.7	14.3
S	2.4	.9	.8	3.1	.9	.4						8.4	10.1
SSW	.1		.1									.2	6.0
SW	.5	.1										.6	3.0
WSW	.1											.1	3.0
W	1.2	.5	.3									2.0	4.0
WNW	1.0	.6	.6	.4		.1						2.9	7.4
NW	7.5	7.4	5.9	2.9	.4	.2						24.4	6.4
NNW	2.5	2.4	2.3	.2	.1	.2						7.5	6.2
VARBL													
CALM												13.4	
	24.2	17.0	14.7	18.7	8.3	3.1	.5					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION WHITEHORSE VT DUT APT 57-66 YEARS FEB MONTH
CLASS ALL WEATHER 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.5									2.4	4.4
NNE	.1											.1	3.0
NE	.2											.2	2.5
ENE	.1											.1	3.0
E	1.1	.2										1.3	3.0
ESE	.5	.2		.2	.2							1.2	8.3
SE	6.0	3.0	3.3	7.4	4.7	1.2	.1					25.8	10.9
SSE	2.2	.9	3.0	7.4	4.4	.9	.1					19.0	12.8
S	3.1	.4	1.2	1.4	.7	.4	.1					7.2	8.9
SSW	.1	.2	.1	.1								.6	6.2
SW	.1	.4	.2									.7	6.2
WSW		.2										.2	4.5
W	1.3	.4	.4	.1								2.1	4.2
WNW	.0	1.3	1.4	.1								3.4	6.5
NW	4.6	5.3	6.5	1.5		.4						18.3	6.5
NNW	.7	1.1	1.8	.8								4.4	7.9
VARBL													
CALM												12.9	
	22.1	14.2	18.3	19.3	10.0	2.8	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION MITCHELLS VT OUT APT 57-66 YEARS FEB MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.2	.2								3.1	4.7
NNE	.1		.1									.2	6.0
NE	.8	.1										.9	3.1
ENE													
E	.6	.1										.7	3.0
ESE	.2		.1	.2	.1							.9	7.9
SE	6.5	3.2	2.6	7.9	3.9	.6						24.7	10.3
SSE	2.6	1.7	2.5	8.3	4.1	1.1	.1					20.3	12.7
S	2.0	.6	1.1	1.7	1.3	.8						7.4	11.3
SSW			.2	.2	.2	.1						.8	15.3
SW	.5											.5	2.8
WSW	.4	.2										.6	3.6
W	1.3	.7	.2									2.2	3.9
WNW	1.2	1.2	.6									3.0	4.9
NW	5.2	5.0	6.1	2.5	.4							19.1	6.6
NNW	.6	1.1	1.5	.5								3.7	7.0
VARBL													
CALM												11.7	
	23.0	15.0	15.4	21.5	10.0	2.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHIT-HORSE VT OUT APT
STATION NAME

57-66
YEARS

FFB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.1	.7	.5								4.1	5.4
NNE												.9	3.4
NE	.7		.2									.1	4.0
ENE		.1										.1	3.5
E	1.2	.5	.1									1.8	10.2
ESE	.4	.1	.2	.5		.1						1.3	10.2
SE	5.7	3.5	3.1	6.9	3.1	1.1						23.3	10.3
SSE	1.9	1.8	1.9	8.7	3.5	.6	.2	.1				18.8	13.0
S	1.7	.5	.8	2.4	1.7	.4						7.3	11.5
SSW			.2	.4								.6	10.2
SW	.4	.1					.1					.6	8.4
WSW		.2										.2	4.5
W	1.4	.5	.1									2.5	3.3
WNW	1.4	.8	.9									3.7	4.5
NW	4.8	4.3	5.4	2.6	.5							17.6	6.9
NNW	1.7	1.7	1.4	1.3	.1							6.1	7.1
VARBL													
CALM												10.9	
	24.1	15.1	15.2	23.2	8.9	2.1	.4	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITMURSE YT OUT APT 57-66 YEARS FFB MONTH
CLASS ALL WEATHER HOURS 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.3	.8	.7	.1							5.9	5.4
NNE													
NE	.6											.6	2.2
ENE													
E	1.1			.1								1.2	3.8
ESE	.6	.2	.2	.9								2.0	8.6
SE	4.1	2.4	3.4	7.6	4.0	1.4	.1					23.0	11.8
SSE	.6	1.7	2.4	7.4	3.3	.5	.2	.1				16.2	13.5
S	.7	.4	.7	2.4	1.2	.7						6.0	13.1
SSW				.1								.1	16.0
SW	.4	.1	.1									.6	3.6
WSW													
W	.4	.4										.7	4.3
WNW	.3	.7	.4	.2	.1		.1					2.0	8.4
NW	5.2	6.1	3.9	1.3	.8	.1	.1					19.9	6.8
NNW	1.5	1.2	2.2	1.5								6.5	7.7
VARBL													
CALM												15.2	
	18.6	14.4	16.2	22.6	9.9	4.7	.6	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316

MILITARY YF DUT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.4	1.8	.5								7.6	5.3
NNE	.1	.1										.2	3.3
NE			.2									.2	8.0
ENE													
E	.2		.2	.1								.6	7.4
ESE	.4		.1	.4	.1	.1						1.1	11.2
SE	2.4	2.0	3.9	8.9	5.4	1.1						23.6	12.7
SSE	.8	.7	2.7	7.3	3.2	.7	.1	.2				15.8	13.7
S	.6	.5	1.7	1.8	1.4	.8	.1					6.9	13.1
SSW	.1	.1		.6	.1							.9	12.1
SW	.6			.4	.1							.7	9.3
WSW													
W	.2	.1		.1								.5	5.0
WNW	.1	.1	.4	.2	.2	.1						1.2	11.4
NW	7.2	5.9	6.9	2.4	.5	.1						22.7	6.5
NNW	1.2	1.3	2.3	2.6	.2							8.0	8.9
VARBL													
CALM												9.9	
	16.3	13.5	20.3	25.2	11.3	3.0	.2	.2				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION 081000051 VT DUT APT 57-66 YEARS FEB MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	.8	.4	.1							5.2	5.3
NNE		.1										.1	4.0
NE	.2											.7	1.3
ENE													
E			.2									.2	8.3
ESE	.1	.2	.2	.7	.4	.1						1.8	12.9
SE	.4	2.1	3.9	8.2	3.3	1.2						19.5	12.8
SSE	.4	.5	4.6	7.9	3.9		.2					17.5	13.5
S	.4	.6	1.8	2.0	1.8	.5						7.0	12.9
SSW	.4	.1	.4	.7	.2							1.7	10.3
SW	.5	.1	.2	.4								1.2	6.6
WSW	.1		.2									.4	6.0
W	.4	.3	.2									1.5	3.6
WNW	.4	.3	.7		.2	.1						2.4	7.9
NW	6.5	8.0	7.3	2.4	.4							24.6	6.3
NNW	1.3	1.3	3.2	2.0	.2							8.0	8.4
VARBL													
CALM												8.6	
	13.7	16.5	23.9	24.6	10.5	1.9	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION NAME: MILITARY Y. OUT APT. 57-60 YEARS: FEB MONTH: 1800-2000 HOURS (L.S.T.)
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.8	.1	.1							3.3	3.4
NNE													
NE	.2											.2	2.5
ENE	.2											.2	2.5
E	.4	.2	.1		.1							.8	6.6
ESE	.2	.1	.2	.8	.4							2.4	10.9
SE	3.4	1.5	3.4	6.6	2.6	1.5						19.1	11.7
SSE	1.9	1.8	3.8	8.8	2.8	.7						19.5	11.9
S	1.7	.9	1.7	1.8	1.4	.4						7.8	10.3
SSW	.4	.6	.1	.2	.1							1.4	6.8
SW	1.3	.2	.2	.1								2.1	4.3
WSW	.2	.3	.2									.9	5.3
W	2.2	2.0	.9	.1								5.1	4.7
WNW	.8	1.5	1.7	.2	.1							4.1	6.6
NW	7.1	5.7	6.3	2.4	.2							21.6	6.2
NNW	.7	1.2	2.1	1.1								5.0	7.6
VARBL													
CALM												6.3	
	22.1	17.3	21.9	22.0	7.9	6.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26310
 STATION

WHITEHORSE VT OUT APT
 STATION NAME

57-66
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9	.6									2.1	5.1
NNE	.2											.2	2.5
NE	.7											.7	2.0
ENE													
E	1.5											1.5	2.2
ESE	.7	.1			.2	.1						1.2	3.0
SE	5.6	2.5	3.2	8.9	3.8	.8						24.7	10.8
SSE	1.7	1.3	3.0	8.3	2.6	1.2	.1					18.1	12.7
S	1.9	.9	1.9	1.5	.8	.2	.1					7.4	9.6
SSW	.2	.2	.4									.9	5.6
SW	.4	.6	.2									1.7	3.8
WSW	.5	.4		.1	.1							1.1	6.3
W	2.4	.7	.2	.1								3.4	3.7
WNW	.5	1.1	1.9	.2								3.7	7.2
NW	3.3	6.1	6.3	1.1								17.4	6.1
NNW	1.1	1.3	2.6	1.4								6.4	8.0
VARBL													
CALM												9.6	
	22.2	16.2	20.2	21.6	7.4	2.4	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 FTAF/USAF
 AIRCRAFT SERVICE/ACG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316	WIT. HICKS Y7 DUT APT	57-66	YEAR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0000-0200
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.5	.5								2.4	6.8
NNE													
NE													
ENE													
E	.2				.1							.3	7.7
ESE	.5		.1	.4								1.1	7.6
SE	4.1	2.3	3.4	5.5	1.8	.5	.2					17.8	10.1
SSE	2.4	2.0	4.3	8.0	1.8	.4						18.9	10.9
S	1.7	2.2	4.4	3.0	.2	.1						11.6	8.8
SSW	.9	.2	.2	.2								1.5	5.4
SW	1.7	.3	.1	.1		.1						2.4	4.5
WSW	.8	.2	.1									1.1	3.9
W	2.2	1.7	.5									4.6	4.3
WNW	1.1	1.7	1.6									4.4	5.5
NW	5.1	3.2	5.5	3.8	.8	.4						18.7	8.0
NNW	.3	.4	1.3	1.1								3.1	9.2
VARBL													
CALM												11.9	
	21.8	14.4	22.2	22.6	4.7	1.6	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

76310 STATION 017000000 YR 001 API 57-06 YEARS AR MONTH 0300-0500
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.3	.5	.2							2.8	7.5
NNE													
NE	.1											.1	3.0
ENE													
E	.5	.2											3.3
ESE	.1	.4	.1	.2	.1							1.7	7.8
SE	4.2	2.2	2.9	6.3	2.5	.8	.1	.1				19.6	10.8
SSE	1.7	1.4	1.2	8.5	3.4	.3						18.6	12.3
S	1.4	1.5	2.6	2.0	1.2	.1	.1					9.4	9.7
SSW	.6	.2	.2	.2								1.1	6.3
SW	.7	.3	.1									1.2	3.7
WSW	.1		.1	.1								.3	7.7
W	1.7	.4	.3									2.9	3.6
WNW	.4	1.2	.4	.1	.1							2.7	5.5
NW	4.9	5.6	7.1	3.4	.5	.5						22.2	7.5
NNW	.4	.3	1.1	.9	.2							2.9	7.5
VARBL													
CALM												15.2	
	18.8	14.7	18.5	22.5	8.3	1.7	.2	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 730

DATA PROCESSING DIVISION
 USAF/USAF
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION 20310 VT OUT APT 57-60 YEARS MONTH 0600-0800
 STATION NAME STATION NAME CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.4	.8	.1							3.8	6.5
NNE													
NE	.3	.1										.4	3.0
ENE													
E	.2	.2										.4	3.5
ESE	.3		.4	.1	.1							1.0	7.9
SE	5.6	2.6	2.2	5.8	2.4	1.0	.1					19.6	10.0
SSE	1.4	1.0	3.2	9.4	3.0	.3	.1					18.4	12.6
S	1.6	.5	1.0	3.1	1.3							7.5	11.2
SSW	.1	.1	.1									.3	7.3
SW	.9	.1	.1									1.1	3.0
WSW	.5											.5	2.6
W	1.4	.1	.1									1.6	3.1
WNW	.6	1.0	1.0	.1								2.7	5.8
NW	4.8	4.9	5.9	4.7	.8	.4						21.6	8.0
NNW	.2	.6	.6	1.2		.1						2.8	9.9
VARBL													
CALM												18.3	
	19.2	12.6	14.9	25.3	7.6	1.8	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26316 WHITMANSE YF OUT APT STATION NAME 57-66 YEARS MONTH 0900-1100
 CLASS ALL WEATHER
 HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	.9	.5	.2							6.9	5.1
NNE	.2											.2	3.0
NE	.2											.2	3.0
ENE													
E	.3	.2	.1	.1								.3	5.1
ESE	.2	.1	.8	2.0	.5							3.5	12.9
SE	1.8	1.7	3.9	9.5	3.8	1.2	.1					21.9	12.6
SSE	.3	.5	2.6	6.0	3.7	.6	.2					14.0	14.2
S	1.0	.1	1.0	2.8	1.0	.1						5.9	12.1
SSW	.1			.3								.4	11.3
SW			.1	.2		.1						.4	14.8
WSW	.1											.1	2.0
W	.1											.1	2.0
WNW	.4	.4	.2									1.1	4.7
NW	7.1	5.9	6.5	4.8	.9	.6						25.8	7.7
NNW	.9	1.9	1.1	2.4	.5							6.8	9.7
VARBL													
CALM												11.4	
	12.9	13.0	17.0	28.7	10.5	2.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 WHITEHOUSE VT GHT APT 57-66 MAR
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.0	2.3	1.4	.1							8.7	6.8
NNE	.4		.1									.5	3.6
NE	.4	.1										.5	3.2
ENE													
E	.1	.4	.5	.1								1.2	7.4
ESE	.2	.1	.9	1.8	.4	.2						3.7	12.6
SE	.8	1.2	5.7	11.8	4.1	1.6						25.2	13.3
SSE		.8	3.3	7.2	1.9	.1						13.3	12.7
S	1.0	.3	1.3	1.5	.2	.2						4.5	9.6
SSW		.1	.5	.8		.1						1.5	12.1
SW	.2	.2	.2	.5	.4	.1						1.7	11.8
WSW		.1	.2									.3	7.6
W	.9	.1										1.0	2.8
WNW	.3	.3	.2	.1								1.2	5.4
NW	4.4	5.3	5.7	4.9	.6	.6						21.6	8.2
NNW	.0	1.1	1.8	2.7	.3	.1						6.8	10.1
VARBL													
CALM												8.7	
	12.2	12.2	22.8	32.9	8.2	3.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHORSE YT DUTY APT STATION NAME 57-66 YEARS MAR MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	1.4	1.0	.2							4.8	7.6
NNE												.1	2.0
NE	.1											.2	9.5
ENE			.2									1.2	9.2
E	.3	.2	.5	.8								4.2	13.2
ESE		.1	1.1	2.3	.5	.2						23.1	12.2
SE	.2	1.0	8.1	8.9	3.9	.4						12.3	11.9
SSE	.3	1.3	3.0	5.7	1.7	.2						6.8	10.2
S	.8	.5	2.7	2.3	.4	.1						2.6	9.3
SSW	.2	.5	1.0	.6	.2							3.5	10.1
SW	.8	.1	1.1	1.3	.3							.1	7.0
WSW			.1									1.4	5.5
W	.5	.6	.1		.1							2.6	7.3
WNW	.8	.8	.6	.2	.2							23.8	7.9
NW	4.4	5.8	8.2	4.1	1.0	.3						6.9	9.5
NNW	.4	1.3	2.6	2.3	.3								
VARBL													
CALM												5.9	
	10.0	14.0	30.6	29.4	8.9	1.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FIGHTER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHIT. HORSE YT DUT APT
STATION NAME57-66
YEARSMAR
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.5	1.0	.3								2.8	5.3
NNE	.1											.1	2.0
NE													
ENE	.1		.1									.2	5.5
E	.2	.1	.3									.6	5.7
ESE	.1	.1	1.4	1.4	.3							3.3	11.2
SE	.9	2.0	8.4	9.4	.9							21.3	10.6
SSE	.3	1.4	5.6	5.9	1.7	.1						15.1	11.4
S	1.2	2.0	2.3	1.2	.4							7.1	7.7
SSW	.9	.1	.3	.1	.1	.1						1.6	7.1
SW	1.8	1.3	1.1	.5								4.9	5.5
WSW	.4	1.7	2.5									5.1	6.1
W	2.8	3.5	2.2									8.5	5.0
WNW	1.1	1.0	1.7	.2	.2							4.2	6.9
NW	3.8	5.1	5.2	3.5	.8	.1						18.4	7.7
NNW	.4	.5	.9	1.4	.1		.1					3.4	10.3
VARBL													
CALM												3.1	
	15.5	19.7	32.8	24.0	4.5	.3	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 WHITEHOUSE VT OUT APT 57-66
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAR
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.5	.8								3.3	6.4
NNE			.1									.1	10.0
NE													
ENE	.1											.1	3.0
E	.4	.2	.1									.8	4.3
ESE	.1		.5	.3	.1							1.1	10.7
SE	3.3	1.0	6.1	7.2	2.2	.3						20.8	10.4
SSE	1.3	.8	4.2	7.5	2.3	.5						16.6	12.0
S	2.0	2.3	3.2	1.2	.4							9.1	7.5
SSW	.2		.1			.2						.9	8.9
SW	3.5	2.2	.1	.1								6.1	3.7
WSW	1.7	1.3	.3	.2								3.5	4.6
W	2.3	3.1	1.6	.1								7.1	4.8
WNW	1.2	1.0	.9		.1							3.1	9.6
NW	3.1	3.4	5.1	3.9	1.0	.2						16.6	8.6
NNW	.9	.3	1.0	.8	.2							2.8	9.1
VARBL													
CALM												8.1	
	21.5	17.0	23.9	22.0	6.2	1.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITEHORSE YT DIT APT
STATION NAME57-66
YEARSAPR
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.8	.3	.1		.3					2.6	10.4
NNE													
NE	.1											.1	2.0
ENE													
E	.4											.4	3.0
ESE	.3	.3	.2	.7								1.6	8.1
SE	2.3	2.9	8.4	10.2	2.0	.7						26.6	10.6
SSE	1.4	2.4	5.4	5.6	.3	.3	.1					15.7	9.9
S	3.8	3.4	4.8	1.1								13.1	6.3
SSW	2.0	.9	.2									3.1	3.7
SW	5.0	2.4	.6	.1		.1						8.2	4.1
WSW	.6	.9	.2									1.7	4.4
W	2.9	1.7	.1									4.7	3.5
WNW	.6	1.1	.3	.1								2.3	5.0
NW	3.0	2.3	1.3	1.9	.4	.4						9.1	8.1
NNW	.1	.2	.7	1.1	.1							2.2	11.1
VARBL													
CALM												8.7	
	23.3	18.8	23.1	21.1	3.0	1.6	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION HITCHHURSE VT OUT APT 57-66 YEARS APR
STATION NAME MONTH
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.8		.1	.2						1.7	9.5
NNE													
NE	.1											.1	3.0
ENE	.1											.1	2.0
E			.1	.1								.2	11.0
ESE	.6	.4	.3	.2								1.6	6.2
SE	5.7	2.7	7.9	8.4	2.3	.2						27.2	9.6
SSE	2.2	2.1	3.9	6.7	.8							17.7	9.8
S	4.9	3.0	2.0	1.8	.6							12.2	6.5
SSW	.4	.2	.4	.1	.1							1.7	3.9
SW	3.6	1.8	.2	.1								3.7	3.6
WSW	.4	.6										1.0	3.8
W	3.3	.9	.3									4.6	3.3
WNW	.8	.7	.2	.1	.1							1.9	5.8
NW	3.0	2.3	2.9	1.8	.2	.2	.1					11.1	7.3
NNW	1.0	.4	.7	.6	.1	.2						3.0	8.9
VARBL													
CALM												10.3	
	27.6	15.1	21.8	19.9	4.3	.9	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITTHORSE VT OUT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.3	.7	.7	.2	.3	.4						4.7	7.3
NNE	.3		.1	.2								.7	6.8
NE	.8	.1										.9	2.1
ENE													
E	1.4	.2	.1									1.8	3.3
ESE	.7	.2	.7	1.1								2.7	9.0
SE	7.7	3.6	7.6	11.4	2.9	.4						33.6	9.4
SSE	2.6	.9	5.2	6.0	1.3							16.0	10.2
S	2.6	.4	2.1	2.3	.4	.1						8.0	8.3
SSW	.2		.1	.2	.1							.7	9.2
SW			.2	.1								.3	9.7
WSW	.2											.2	3.0
W	.2	.2										.4	3.8
WNW	.6	.3	.3	.2								1.4	6.0
NW	3.0	3.2	2.8	2.4	.1	.1						11.7	7.2
NNW	1.2	1.1	1.6	.8	.3							5.0	7.8
VARBL													
CALM												12.0	
	23.8	11.0	21.4	25.1	5.9	1.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITEHORSE YT OUT APT 57-66 APR
 STATION MONTH
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.4	2.1	1.3	.4							17.1	6.3
NNE	.2	.3										.6	3.8
NE	.9	.1										1.0	2.7
ENE	.2											.2	2.3
E	.4	.4	.6	.3	.2							2.0	8.1
ESE	.6	.7	1.7	4.4	.4							7.8	11.4
SE	1.6	2.0	9.0	15.4	2.3	.8						31.1	11.6
SSE	.1	.2	3.6	4.8	1.1	.4						10.2	12.5
S	1.7	1.0	1.2	1.7	.2							5.1	9.1
SSW	.2	.1	.1	1.6								2.0	11.3
SW	.8	.3	.9	.3	.2	.1						2.7	8.0
WSW	.3	.2	.2	.1								.9	5.9
W	.4	.1	.2	.1								.9	5.6
WNW	.2		.4									.7	6.3
NW	1.8	2.3	3.1	3.4	.7	.1						11.4	9.2
NNW	.6	2.0	1.8	1.0	.3							5.7	7.9
VARBL													
CALM												7.7	
	13.1	12.3	24.9	34.6	6.0	1.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26315
 STATION

WHITEHOUSE VT DUT APT
 STATION NAME

57-66
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	2.2	1.8	.1	.1						5.7	8.6
NNE		.1	.2	.1								.4	2.3
NE	1.4	.2	.2									1.7	3.6
ENE		.1		.1								.2	10.3
E	.9	.7	.4	.2								2.2	5.6
ESE	.6	.6	1.2	3.2	.7	.2						.3	11.9
SE	1.2	2.6	6.9	14.6	2.9	.6						28.7	11.7
SSE	.7	1.3	2.8	4.7	1.1	.2	.1					10.7	11.4
S	.8	.8	3.3	2.2	.7	.2						9.0	10.3
SSW	.5	.1	.8	2.2	.7	.1						4.2	12.2
SW	.1	.6	2.3	1.1	.4							4.5	10.3
WSW	.2	.1	.3	.6	.1							1.3	10.9
W	.3	.7	.3	.2								1.6	6.8
WNW	.4	.2	.4	.6	.1							1.8	8.6
NW	1.7	2.1	4.4	3.7	.7	.1						12.7	9.2
NNW	.9	.9	1.8	1.4	.3							5.3	9.1
VARBL													
CALM												3.7	
	10.6	12.3	27.8	36.7	7.8	1.6	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
 ITAC/USA
 AIRCRAFT SERVICE/ITAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26316 STATION NAME WITBOKS VT DT APT YEARS 57-66 MONTH APR
 CLASS ALL WEATHER
 HOURS 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	2.6	.7	.3	.1						5.8	8.7
NNE	.2	.1	.2									.6	5.2
NE	.3	.2	.3	.2								1.1	7.0
ENE	.1											.1	3.0
E	.3	.1	.2									.7	4.2
ESE	.2	.2	1.6	1.3	.9							4.2	11.9
SE	1.1	2.4	7.0	10.3	3.6	.3						24.7	11.5
SSE	.1	.9	5.8	6.1	.8	.1	.1					13.9	11.3
S	.2	1.6	3.2	3.4	.1							8.6	9.8
SSW		.3	2.3	3.3	.6							6.6	11.6
SW	.4	.9	3.1	2.4	.6							7.5	9.6
WSW	.1	.2	.3	.8	.1	.1						1.7	11.3
W	.4	.9	.9	.4								2.7	6.9
WNW	.6	1.0	.7	.6	.1	.1						3.0	8.3
NW	2.1	2.2	3.1	3.0	.7							11.1	8.7
NNW	.6	1.1	1.6	1.6	.8							5.6	10.0
VARBL													
CALM												2.1	
	8.3	12.9	32.9	34.4	8.4	.8	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26318 STATION 26318 STATION NAME YTD DOT APT 57-66 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.2	.3	.2	.2						2.4	8.4
NNE	.1	.1										.2	4.5
NE	.3	.2	.2									.8	4.6
ENE													
E	.3	.1	.2									.7	4.5
ESE	.7	.4	1.1	1.3	.1							2.7	9.5
SE	2.2	4.0	10.3	8.9	1.2	.1						26.8	9.0
SSE	.4	1.9	5.6	5.2	.2	.1						13.4	10.2
S	2.2	2.0	3.9	1.4	.3							9.9	7.3
SSW	.3	.7	2.2	1.2								4.4	8.7
SW	1.6	3.0	2.8	.8	.2							8.3	6.9
WSW	.3	1.2	1.9	.4								4.2	6.5
W	.6	1.3	2.0	.3								4.2	6.7
WNW	.7	.8	.6	.9	.1							3.0	7.8
NW	1.4	3.2	2.4	2.0	.6							10.1	7.8
NNW	.8	.9	1.6	1.4	.3							5.0	9.2
VARBL													
CALM												2.7	
	13.4	20.3	35.0	24.3	3.3	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WILTHERSE V1 OUT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.2	.2		.2	.1					1.4	17.2
NNE	.1											.1	2.0
NE													
ENE	.1		.1									.2	5.0
E	.6	.3		.1								1.0	4.4
ESE		.3	1.3	1.0								2.7	10.1
SE	2.1	3.4	11.1	8.4	2.0	.4						27.6	10.1
SSE	1.2	2.3	6.0	4.4	.3	.1						14.4	9.3
S	1.9	3.7	3.3	.9	.4							10.2	6.7
SSW	1.0	1.0	.4	.3								3.7	4.7
SW	4.3	4.3	.4	.4	.1							9.7	4.6
WSW	.8	1.6	1.1									3.4	4.4
W	2.3	3.3	.8	.1								6.6	4.5
WNW	.4	.2	.4	.3								1.4	7.2
NW	2.3	2.2	2.0	1.2	.4	.1						8.3	7.4
NNW	.7		1.2	1.1	.9							3.5	11.4
VARBL													
CALM												5.2	
	14.4	22.9	28.6	18.7	4.2	.9	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316	HITCHCOCK VT DUT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0000-0200
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.2	.1								1.4	4.9
NNE			.1									.1	10.0
NE	.7	.2										.8	3.3
ENE													
E	.1	.1	.2									.4	3.8
ESE	.1		.8	.9	.3	.1						2.2	12.2
SE	3.7	4.5	10.5	10.4	1.2	.1						30.4	9.4
SSE	1.3	3.2	6.5	4.5	.3							15.8	9.0
S	4.6	3.2	2.9	2.2	.1							13.2	6.3
SSW	1.3	1.0										1.9	3.7
SW	4.1	1.8	.2									6.1	3.5
WSW	.8	.3	.1									1.2	4.0
W	3.3	1.1	.4	.3								5.2	4.2
WNW	.8	.4	.4									1.6	4.5
NW	2.8	1.9	1.5	.6	.1	.1						7.1	3.9
NNW	.5	.2	.6	.2	.1							1.7	7.1
VARBL												10.0	
CALM													
	24.5	18.4	24.5	19.2	2.2	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHORSE VT DUT APT 57-66 YEARS MAY MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.1	.3									1.3	3.9
NNE	.1											.1	3.0
NE	.4											.4	2.3
ENE		.1										.1	4.0
E	.5	.2										.8	3.1
ESE	.9	.2	.3	1.1	.4							2.5	10.7
SE	7.7	5.2	8.3	10.9	1.1							33.1	8.5
SSE	2.5	3.2	5.2	4.8	.5	.3						16.6	9.0
S	3.8	2.3	2.2	1.1	.2	.2						9.7	6.4
SSW	1.2	.4	.4									2.0	4.3
SW	2.4	.5										2.9	2.9
WSW	.9	.2										1.1	3.4
W	1.2	.3	.2									1.7	3.6
WNW	1.0	.6	.2									1.8	4.1
NW	3.1	1.9	2.2	.6	.3	.1						8.3	6.5
NNW	1.1	.5	.6	.2								2.5	5.3
VARBL													
CALM												15.2	
	27.2	13.9	19.9	18.7	2.5	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

76310 STATION WHITEHOUSE VT OUT APT STATION NAME 57-66 YEARS MAY MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	.9	1.4	.3	.1							5.7	5.0
NNE	.8	.4	.1	.1								1.4	4.4
NE	1.1	.1	.1									1.3	2.8
ENE		.1										.1	4.0
E	1.7	.1	.3	.1								2.3	4.0
ESE	1.2	.6	1.3	3.0	.4							6.6	9.8
SE	7.8	6.6	10.9	13.8	1.8	.1						41.0	9.0
SSE	1.0	1.3	3.9	6.1	1.0	.1	.1					14.1	10.6
S	1.1	.9	.6	1.4	.1							4.1	8.2
SSW		.1	.1									.2	5.5
SW	.1		.1	.2								.4	8.0
WSW	.1											.1	2.0
W	.2											.2	2.0
WNW		.1										.1	5.0
NW	2.8	2.0	1.5	1.3	.1	.2						8.0	6.8
NNW	1.1	1.3	1.4	.8	.5							5.1	8.3
VARBL													
CALM												9.5	
	22.0	14.5	21.7	27.1	4.1	.4	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/IAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION 441THHRSF VT DUT APT 57-66 YEAR MONTH
STATION NAME CLASS HOURS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.7	.5								7.8	5.9
NNE	.4	.8	.5	.2								1.7	6.0
NE	1.9	.4	.1	.2								2.7	3.8
ENE		.2	.3									.5	7.4
E	2.3	1.0	1.1	1.0								5.3	6.0
ESE	.2	.8	3.7	3.9	.8	.3						9.6	11.2
SE	3.4	2.8	8.1	10.0	3.2	.4						28.7	10.5
SSE	.5	1.1	3.1	4.9	1.4	.6		.1				11.8	12.3
S	1.7	.6	1.5	2.2	.3							6.3	8.7
SSW	.4	.8	1.0	1.4	.3							3.9	10.0
SW	.0	.4	.2	.8	.1							2.2	8.2
WSW	.6		.2									.9	4.3
W	.4	.2										.8	3.4
WNW	.4	.3	.3	.3								1.4	6.6
NW	2.3	1.1	2.9	1.4	.2	.2						8.1	8.0
NNW	1.1	1.4	2.2	1.2	.5	.1						6.3	8.9
VARBL													
CALM												2.4	
	19.0	13.9	27.8	28.0	6.9	1.7		.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/IAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20316 STATION WHITEHORSE VT DUT APT 57-66 YEARS MONTH MAY
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	2.3	.6	.1							5.4	7.0
NNE	.3	.2	.4	.2								1.2	6.8
NE	.9	.8	1.0	.1								2.7	5.7
ENE	.1	.1										.2	4.5
E	1.0	.5	.4	.3								2.3	5.6
ESE	.2	1.2	1.9	3.7	.6	.1						7.7	11.4
SE	2.0	2.6	7.6	10.6	2.9	.5	.1					26.5	11.1
SSE	.2	1.1	2.2	6.1	1.4	.3	.2					11.5	12.8
S	.2	.6	2.8	2.3	1.2	.3						7.7	11.3
SSW	.4	.4	1.8	3.1	.6							6.5	11.2
SW	1.0	.9	1.3	2.6								5.7	9.2
WSW	.3	.5	.9	.5	.2							2.5	9.0
W	1.0	.6	.9	.3								2.8	6.1
WNW	.2	.5	.9	1.3								2.9	9.7
NW	1.2	1.9	2.3	1.4	.1	.2						7.1	8.1
NNW	.1	.8	2.4	1.1	.5	.1						4.9	10.2
VARBL													
CALM												2.5	
	10.4	14.2	28.9	34.2	7.7	1.6	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHOUSE VT OUT APT 57-60 YEARS MAY MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	1.5	.1	.2							3.4	7.1
NNE	.2	.2	.6	.3								1.4	8.3
NE	1.5	.5	.6									2.7	4.4
ENE		.2	.4									.6	6.8
E	.6	.6	.4	.1								1.8	5.7
ESE	.4	.6	.9	1.7	.3	.1						4.1	10.4
SE	1.6	2.2	6.9	8.4	3.4	.5	.1					23.1	11.5
SSE	.2	.8	2.9	6.0	1.8	.5						12.3	13.0
S	.2	.9	2.0	4.2	.6							8.0	11.3
SSW	.5	.6	2.7	4.2	1.6							9.7	11.9
SW	.2	.6	3.1	4.0	.6	.1						8.7	11.2
WSW		.2	.6	.2	.1	.1						1.3	10.9
W	.4	1.2	1.1	1.0	.1							3.8	7.9
WNW	.1	.5	1.0	1.0								2.6	9.2
NW	1.4	1.6	3.5	1.8	.1	.2						8.7	8.4
NNW	.5	1.3	2.4	1.5		.1						5.8	8.8
VARBL													
CALM												2.0	
	8.7	13.1	30.8	34.5	9.0	1.7	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITTHORSE VT OUT APT
STATION NAME

57-66
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.9	.3								3.2	5.6
NNE	.3	.3	.3	.2								1.2	6.3
NE	.2	.2	.4									.9	5.9
ENE		.2	.2									.4	6.3
E	.3	.2	.6	.1	.1							1.4	7.5
ESE	.2	.4	1.8	1.3	.4							4.5	9.9
SE	1.2	3.9	10.4	7.7	1.9	.1						25.3	10.0
SSE	.2	1.2	4.7	5.1	1.2	.1						12.5	11.2
S	.3	1.4	3.3	3.0	.3	.3						8.7	10.7
SSW	.4	.8	3.8	4.4	.4							9.8	10.8
SW	.3	1.5	3.1	2.7	.3							8.0	9.6
WSW	.4	.9	1.7	.4	.1							3.5	7.8
W	.3	.8	1.8	.4								3.3	8.0
WNW	.3	.3	.8	.3	.1							1.8	8.4
NW	1.9	2.5	2.6	1.1	.4							8.5	7.0
NNW	1.0	1.3	2.2	.5								4.9	6.9
VARBL													
CALM												2.0	
	8.6	17.1	38.7	27.6	5.4	.9						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITTHORSE YT OUT APT
STATION NAME

57-66
YEARS

DAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.2										1.4	2.8
NNE		.2										.2	5.0
NE	.6											.6	2.8
ENE													
E	.4		.3									.8	5.0
ESE	.1		1.3	1.6	.1							3.1	11.9
SE	1.7	4.3	16.1	8.2	1.2	.1						31.6	9.3
SSE	.8	2.8	8.4	4.6	.4							17.0	7.8
S	1.7	2.6	3.8	1.7	.1	.1						10.0	7.5
SSW	.4	1.0	.4	.2								2.5	5.3
SW	1.4	3.1	1.9	.5								7.5	5.5
WSW	.6	1.1	1.0									2.7	5.8
W	3.0	1.7	1.2	.1								6.0	4.3
WNW	.1	.2	.2	.3								.9	8.4
NW	2.5	2.2	2.2	.3	.4							7.5	6.5
NNW	.4	1.0	.6	.3								2.8	6.0
VARBL													
CALM												5.4	
	16.2	20.2	37.4	18.0	2.3	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATION

WHITEHOUSE VT DUT APT
STATION NAME

57-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.1		.1								1.6	3.3
NNE	.1	.2										.3	3.7
NE	.2	.1	.1									.4	4.3
ENE													
E	.4		.1									.6	4.2
ESE	.1		1.1	.6	.1							2.1	10.8
SE	3.1	4.2	13.2	9.1	1.8							31.4	9.4
SSE	2.1	2.4	6.2	4.6	.4							15.8	8.8
S	3.8	4.8	3.7	.6								12.8	5.7
SSW	1.4	2.3	.1									4.3	3.9
SW	4.4	2.8										7.2	3.5
WSW	1.2	1.4	.4									3.1	4.4
W	2.7	1.4	.3									4.7	3.6
WNW	.4	.4	.1									1.0	4.1
NW	2.8	1.1	.8	.1								4.8	4.4
NNW	.6	.4	.3									1.3	4.6
VARBL													
CALM												3.6	
	25.4	21.9	26.6	15.2	2.3							12.0	6.5

TOTAL NUMBER OF OBS

101.5

900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
 STATION

HITEROUSE VT DUT APT
 STATION NAME

57-66
 YEARS

JUN
 MONTH

ALL WEATHER
 CLASS

0300-0900
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	.1									1.3	3.4
NNE	.1	.1										.2	3.5
NE	.6											.6	2.8
ENE													
E	.6	.1		.1								.8	5.0
ESE	.6	.1	1.0	.7	.1							2.4	9.1
SE	7.2	4.8	9.2	8.7	1.2	.2						31.3	8.5
SSE	3.8	4.1	3.8	5.0	.2	.2						19.1	8.1
S	4.8	3.3	3.2	.9								17.2	5.5
SSW	1.0	.8										1.8	3.6
SW	3.0	.9										3.9	2.9
WSW	.3	.4										.8	4.0
W	2.1	.9										3.0	3.1
WNW	.4	.4	.2									1.1	4.5
NW	3.2	1.0	1.4	.1								5.8	4.6
NNW	.7	.1										.8	3.0
VARBL													
CALM												14.9	
	29.2	17.4	21.0	15.4	1.6	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION WHITEHORSE VT UNT APT STATION NAME 57-66 YEARS MONTH JUN
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.2	1.2	.1								7.9	4.3
NNE	.9	.9										1.4	3.3
NE	1.2	.3										1.6	2.8
ENE	.1	.1										.2	3.5
E	3.8	.7	.1	.2								4.0	3.7
ESE	1.6	1.6	1.7	3.7	.2							8.1	9.5
SE	7.4	4.8	10.6	12.2	1.2							36.7	8.9
SSE	1.1	2.3	5.7	3.8	.7							13.6	9.3
S	.4	.9	.9	.4								2.1	6.2
SSW	.4		.3	.2								.9	7.5
SW	.2		.1	.1								.4	7.0
WSW	.1											.1	3.0
W	.2											.2	3.0
WNW		.2										.2	4.5
NW	4.1	1.7	2.0	.2								8.0	4.6
NNW	.4	.9	.6	.1								2.0	5.8
VARBL													
CALM												12.0	
	25.4	16.2	23.1	21.1	2.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION WHITELHORSE VT OUT APT 57-66 YEARS JUN NORTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.3	3.3	.8	.2							10.8	6.0
NNE	.8	.7	1.0	.1								2.6	5.7
NE	2.4	1.3	.2									4.3	3.6
ENE	.3	.1										.4	3.0
E	1.8	.9	1.3	.4								4.4	5.7
ESE	.4	1.4	2.3	3.6	.4	.1						8.7	10.9
SE	3.3	3.9	9.3	9.4	1.8	.6	.1					28.4	10.1
SSE	.3	.6	3.9	2.9	.8							8.4	11.0
S	1.4	1.1	1.3	.8	.1							4.8	6.9
SSW	.6	.3	.4	.9								2.2	8.7
SW	.6	.4	.6	.3	.1							2.0	7.4
WSW	.1			.3								.4	10.0
W	.7		.2	.1								1.0	5.3
WNW	.4		.3	.3								1.1	7.8
NW	3.4	2.6	1.8	.9	.1							6.3	5.4
NNW	1.1	1.3	2.2	.3								4.9	6.7
VARBL													
CALM												6.2	
	21.9	18.0	28.3	21.2	3.6	.7	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26318
 STATION

WHIT. HORSE VT. ROT APT
 STATION NAME

57-66
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.0	1.0	.7	.1						7.7	7.8
NNE	.4	.4	1.1	.4								2.2	8.3
NE	2.2	1.4	1.2	.4		.1						5.4	5.6
ENE		.2	.6	.1								.9	8.3
E	1.7	1.2	1.3	.6								4.8	6.2
ESE	.4	1.2	4.2	2.9	.6	.2						9.4	10.3
SE	1.5	2.9	8.2	8.1	1.9	.3						23.2	10.5
SSE	.2	1.6	2.8	3.8	1.3	.3						9.7	11.3
S	1.7	.6	1.6	1.2	.3							5.3	7.9
SSW	.6	.2	.7	2.3	1.0							4.8	12.3
SW	.5	.8	1.2	1.3		.1						4.0	9.0
WSW	.4	.3	.1	1.0								1.7	9.9
W	.4	1.0	.8	.3	.1							2.6	7.3
WNW	.2	.2	.6	.3	.1							1.4	9.4
NW	1.8	2.2	3.8	1.1								8.9	7.0
NNW	.3	1.1	2.3	1.2		.2						5.2	9.1
VARBL													
CALM												2.8	
	13.7	17.8	32.4	26.2	5.7	1.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310 STATION 01T HORSF VT DUT 2PT 57-66 YEARS JUN 1500-1700
STATION NAME MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.6	1.7	.1							6.4	7.9
NNE	.3	.4	.7	.3								1.7	7.6
NE	1.1	.3	.9	.1								2.4	5.6
ENE	.1		.6									.7	7.0
E	1.0	.8	.9	.1								2.8	5.4
ESE	.4	1.1	1.2	1.8	.4	.2						5.2	10.8
SE	2.3	3.7	8.0	9.9	2.6	.3	.1					26.9	10.6
SSE	.7	.7	3.6	3.6	1.1							9.6	11.2
S	.4	1.0	2.0	2.6	.2							6.1	9.6
SSW	.4	.4	1.0	3.3	.9							5.7	12.1
SW	.4	1.1	1.0	2.1	.6							5.2	10.4
WSW	.1	.2	.9	.4	.3	.1						2.1	11.1
W	1.0	.4	1.1	.6								3.1	7.3
WNW		.4	.7		.1	.1						1.3	9.2
NW	1.7	2.9	4.6	1.7	.1							10.9	7.3
NNW	.7	1.0	2.0	1.2	.2	.1						5.2	8.3
VARBL													
CALM												4.6	
	11.7	16.6	30.6	7.3	6.3	.9	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
 STATION

WHITEHORSE VT OUT APT
 STATION NAME

57-66
 YEARS

JUN
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	1.3	.8								5.0	6.5
NNE	.3	.1										.4	3.5
NE	.9	.3	.1	.1								1.4	4.5
ENE			.1									.1	9.0
E	.5	1.2	.4		.1							2.3	5.3
ESE	.4	.3	1.8	1.2	.2							3.0	10.2
SE	3.1	3.8	8.3	9.6	1.8	.1						26.7	9.8
SSE	.4	1.4	4.9	5.1	.6	.1						12.6	10.4
S	.5	1.4	2.1	1.3	.2							5.7	8.9
SSW	.1	.7	1.1	4.1	.8							6.8	12.1
SW	1.2	1.3	2.9	2.0	.6	.1						8.1	9.1
WSW	.4	.5	.9	.4								2.3	7.8
W	.7	1.1	1.3	.8								3.9	7.4
WNW	.1	.8	1.0									1.9	6.5
NW	2.2	2.3	4.1	1.3	.1							10.1	7.1
NNW	.7	.4	1.7	1.2	.1							4.6	8.3
VARBL													
CALM												4.2	
	12.4	17.3	32.1	28.0	4.4	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATION

WHITEHORSE VT DUT APT
STATION NAME

57-66
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.3									2.1	4.4
NNE	.2	.2										.4	3.0
NE	.4	.3										.9	3.3
ENE													
E	.3	.2	.2									.8	4.9
ESE	.3	.3	2.2	1.2	.2	.1						4.4	10.2
SE	3.0	5.9	16.2	8.4	1.2							35.3	9.0
SSE	1.1	2.9	6.2	4.7	.1							15.0	9.0
S	2.1	2.0	2.6	.9		.1						8.2	6.3
SSW	.6	.3		.1	.1							1.3	5.1
SW	2.3	2.3	1.2	.1								6.0	4.8
WSW	1.1	1.7	.7	.1								3.4	5.0
W	2.4	2.9	1.2									6.9	4.5
WNW	.1	.3	.6	.1								1.7	5.3
NW	2.0	2.2	1.8	.4	.1							6.9	5.9
NNW	.7	.4	.4									1.6	5.0
VARBL													
CALM												5.1	
	20.4	22.7	33.7	16.1	1.8	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION 26310 WHITEHORSE VT DUT APT 57-66 JUL 0000-0200
 STATION NAME YEARS MONTH HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.4	.1									1.4	3.9
NNE	.1	.1										.2	3.5
NE	.3											.3	2.3
ENE	.1											.1	2.0
E	.1	.1		.1								.3	6.3
ESE	.1	.5	1.3	1.3	.4							3.7	10.8
SE	1.5	4.1	13.5	9.8	.9							32.0	9.6
SSE	1.7	3.5	7.8	3.4	.2							16.8	8.3
S	5.0	4.1	5.3	1.0								16.1	5.7
SSW	1.9	1.2	.5									3.7	4.1
SW	3.7	3.1	.1									6.2	3.6
WSW	.5	.2	.1									1.2	3.5
W	1.7	1.1	.2									3.1	3.8
WNW	.6	.5	.3	.2								1.6	3.4
NW	2.4	1.5	.3	.3								4.5	4.5
NNW	.3	.2	.3									.6	3.4
VARBL													
CALM												7.5	
	21.4	21.0	31.9	16.1	1.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITELHORSE YT OUT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.1									2.0	4.1
NNE	.1											.1	3.0
NE	.4											.8	2.6
ENE	.1											.1	2.0
E	.5	.1										.6	3.0
ESE	.2	.4	.6	1.1	.2							2.6	10.4
SE	6.2	4.6	9.0	10.3	1.0	.1						31.3	8.8
SSE	3.4	2.8	5.3	2.7	.3							14.5	7.6
S	5.4	4.8	4.9	.9								16.0	5.7
SSW	1.7	1.5	.1									3.3	3.7
SW	3.5	.4	.2									4.5	3.1
WSW	.9	.3	.1									1.3	3.7
W	2.0			.2								2.3	3.5
WNW	.0	.3										1.0	3.6
NW	2.2	1.3	.9	.1								4.4	4.7
NNW	1.1	.6	.3	.1								2.2	4.8
VARBL													
CALM												13.0	
	29.7	18.7	21.6	15.4	1.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITLHORSE YT DUT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.3	1.8	.1								7.0	5.0
NNE	.4	.2	.2	.2								1.1	6.4
NE	.4	.1	.1									1.1	3.3
ENE		.1										.1	4.0
E	2.0	.5	.3	.2								3.1	4.2
ESE	1.0	1.0	2.8	2.7	.3							7.7	9.4
SE	7.7	5.2	11.0	14.0	1.7							39.6	9.0
SSE	1.0	2.4	5.3	3.7	.3							13.2	8.8
S	1.6	1.2	2.0	1.4								6.2	7.2
SSW	.4											.2	2.3
SW	.4											.4	2.4
WSW	.2											.2	3.0
W	.4											.3	1.7
WNW	.3	.1		.1								.3	5.2
NW	3.1	1.6	.5	.3								5.6	4.4
NNW	.4	.4	1.0	.2								2.4	6.4
VARBL													
CALM												11.2	
	23.4	15.1	25.1	22.4	2.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
 STATION

WHIT. HORSE YT DUT APT
 STATION NAME

57-66

YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	2.8	1.4								10.4	6.2
NNE	.3	1.0	1.0	.1								3.0	6.3
NE	1.7	.4	.4									2.6	3.6
ENE	.4		.3									.8	4.6
E	1.4	.9	1.1	.3								4.2	5.5
ESE	.0	1.3	2.8	4.0	.8							9.5	10.7
SE	4.4	3.8	8.0	12.7	2.3	.1						31.8	10.1
SSE	.4	1.2	3.7	3.7	.4							9.8	9.7
S	1.1	.0	.9	.8	.1							3.4	7.3
SSW	.2	.1	.2	1.0	.1							1.6	11.7
SW	.0	.3	.4	.1								1.5	5.8
WSW	.3	.1										.4	3.3
W	.1	.2		.1								.4	5.8
WNW	.3	.1	.2									.6	5.0
NW	2.4	3.0	2.9	.8								9.0	6.1
NNW	.9	1.3	2.2	.5								4.8	7.2
VARBL													
CALM												6.0	
	18.4	18.0	27.4	25.4	3.7	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITEHORSE VT OUT APT 57-66 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.7	3.1	1.4								9.7	6.7
NNE	.3	1.0	1.3	.4								3.0	7.6
NE	1.7	.9	.4	.2								3.2	4.9
ENE	.1	.1										.2	3.0
E	1.8	1.2	1.0	.5								4.5	5.5
ESE	.4	.6	2.4	3.9	.6			.1				8.1	11.3
SE	2.3	3.5	7.1	10.8	2.5	.1						26.2	10.7
SSE	.6	.9	3.3	3.4	.9	.1						9.2	10.5
S	.5	1.7	1.7	1.0	.2	.1						5.3	8.2
SSW	.1	.4	1.2	1.7	.9							4.3	12.1
SW	.5	.8	1.2	1.7	.2							4.4	9.6
WSW	.4	.1	.5									1.1	6.0
W	.5	.8	.5	.1								1.9	5.8
WNW	.1	.5		.4	.2							1.3	9.5
NW	2.3	2.8	2.5	1.5	.1							9.1	6.7
NNW	.5	1.0	2.7	1.1								5.1	8.4
VARBL													
CALM												3.3	
	14.4	18.9	28.9	28.2	5.6	.3		.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITEHOUSE VT DDT APT
STATION NAME

57-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.9	.6	.1							7.4	6.5
NNE	.3	1.0	1.2	.1	.1							2.7	7.3
NE	1.3	1.0	.4	.1								2.8	4.8
ENE	.3	.4	.2									1.0	5.2
E	.4	.2	.2	.1								1.0	5.6
ESE	.4	.3	1.3	2.5	.3							4.8	11.4
SE	1.7	2.6	8.4	8.9	2.8	.1						24.5	10.9
SSE	.5	1.3	4.1	5.9	1.3							13.1	11.2
S	.4	.8	1.7	1.2	.3							4.4	9.3
SSW	.2	.3	1.9	3.8	.3							6.6	12.1
SW	.8	.6	1.4	2.7	.4							5.9	10.3
WSW	.1	.6	.8	.4								1.9	8.2
W	.4	.5	.9	.3								2.6	6.4
WNW	.1	.2	.4	.1								.9	7.5
NW	2.2	2.7	3.3	1.7	.2							10.1	7.4
NNW	.8	.4	2.4	1.5								5.1	8.7
VARBL													
CALM												5.3	
	12.1	15.2	31.5	30.0	5.9	.1						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITELHORSE YT DUT APT 37-66 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 1800-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	1.2	.6								5.1	5.9
NNE	.5	.2	.4									1.2	5.3
NE	.4	.4										1.3	3.3
ENE	.1	.1										.2	3.5
E	.6	.1	.2	.1								1.1	5.1
ESE	.2	.8	1.7	1.5	.1							4.3	10.0
SE	1.8	3.0	10.0	11.5	1.0							27.3	10.4
SSE	.6	1.5	4.4	4.2	.4							11.2	10.1
S	1.3	1.7	2.4	1.3	.1							6.8	7.5
SSW	.5	.8	1.9	3.4	.1							6.8	10.3
SW	1.0	1.2	2.6	1.8	.2	.1						7.5	8.5
WSW	.3	.5	.8	.3	.1							2.0	7.7
W	1.1	1.5	.8	.5	.1							4.0	6.2
WNW		.5	.6	.5								1.7	8.8
NW	2.6	3.1	3.2	1.2	.3							10.4	6.7
NNW	.6	1.3	1.1	.9	.1							4.0	7.6
VARBL													
CALM												5.2	
	14.5	18.4	31.3	28.0	2.6	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITIMORSE YT DUT APT
STATION NAME

57-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.1									1.4	3.8
NNE	.1	.1										.2	4.0
NE	.6	.3										1.0	3.1
ENE													
E	.2		.1	.3								.6	8.5
ESE		.2	2.0	1.9	.3							4.6	11.6
SE	1.2	4.3	20.6	10.6	.6							37.4	9.5
SSE	1.0	1.7	8.8	3.7	.3							15.3	9.2
S	1.2	2.3	2.4	1.1								6.9	7.0
SSW	.5	.4	.1									1.4	4.2
SW	2.2	4.3	1.2			.1						8.1	4.8
WSW	.3	1.5	.6									2.5	5.6
W	2.4	1.7	1.4	.4								6.1	5.3
WNW	.4	.9	1.1									2.4	5.9
NW	2.2	1.3	1.2	.3								4.8	5.4
NNW	.2	.4	.6	.2								1.5	6.7
VARBL													
CALM												5.6	
	13.3	20.8	40.3	18.6	1.3	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20310
STATIONWHITMANSE YF OUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.9									2.4	5.3
NNE		.1										.1	5.0
NE	.2		.1									.3	3.7
ENE													
E		.1										.1	4.0
ESE	.1	.1	.4	.5	.2							1.4	11.3
SE	3.2	4.6	10.9	8.0	1.0							27.4	9.2
SSE	1.3	2.8	6.2	5.3	.4	.2						16.5	9.4
S	5.3	4.1	4.5	1.1	.1							15.3	5.8
SSW	1.4	1.5	.4									3.9	4.1
SW	4.6	1.7	.1									6.5	3.2
WSW	1.2	.9	.1									2.2	3.8
W	2.7	1.2	.6									4.5	4.0
WNW	.4	.3	.6	.1								1.8	5.5
NW	2.6	1.2	.4	.8								4.9	5.2
NNW	.5	1.3	.5	.3								2.7	6.1
VARBL													
CALM												10.1	
	25.2	20.2	25.9	16.0	1.7	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION HITCHHURSE VT OUT APT 57-66 YEARS AUG MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.6	.3	.2								2.4	5.0
NNE	.1			.1								.2	7.0
NE	.2											.2	2.5
ENE													
E													
ESE			.9	.2	.2							1.3	11.0
SE	6.6	3.8	6.3	8.0	1.5	.1						26.2	8.5
SSE	3.5	3.1	5.3	6.1	.8	.2						19.0	8.9
S	5.4	3.0	4.4	2.4	.3							16.0	6.4
SSW	1.2	.6	.1									1.9	3.3
SW	3.4	1.0	.3									5.2	3.3
WSW	1.0	.1	.1									1.2	3.0
W	2.2	1.4	.4									4.0	3.6
WNW	.4	.3	.5	.2								1.8	5.9
NW	2.4	2.0	1.4	.3								6.7	5.0
NNW	.4	.9	.2	.2								2.2	5.3
VARBL													
CALM												11.7	
	30.2	16.9	20.3	17.7	2.8	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION WHITEHORSE YT OUT APT 57-66 YEARS AUG MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.4	.3								4.0	4.9
NNE	.3	.2										.5	3.8
NE	.4											.4	2.8
ENE													
E	1.2											1.2	2.6
ESE	.3	.8	.6	1.3	.2							3.2	9.3
SE	6.6	5.6	9.1	10.6	1.1							33.0	8.7
SSE	1.5	2.0	5.7	7.8	.6							17.7	9.9
S	1.4	1.7	3.1	2.0	.2							9.0	8.0
SSW	.2			.3								.5	10.0
SW	1.4	.1	.1	.2								2.0	3.6
WSW													
W	.8	.2										1.0	2.6
WNW	.1	.3	.1	.1								.6	6.3
NW	3.2	2.4	1.9	1.0								8.5	5.7
NNW	1.0	.4	.3		.1							2.4	6.4
VARBL													
CALM												15.8	
	21.0	15.2	22.0	23.4	2.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

AD-A100 243

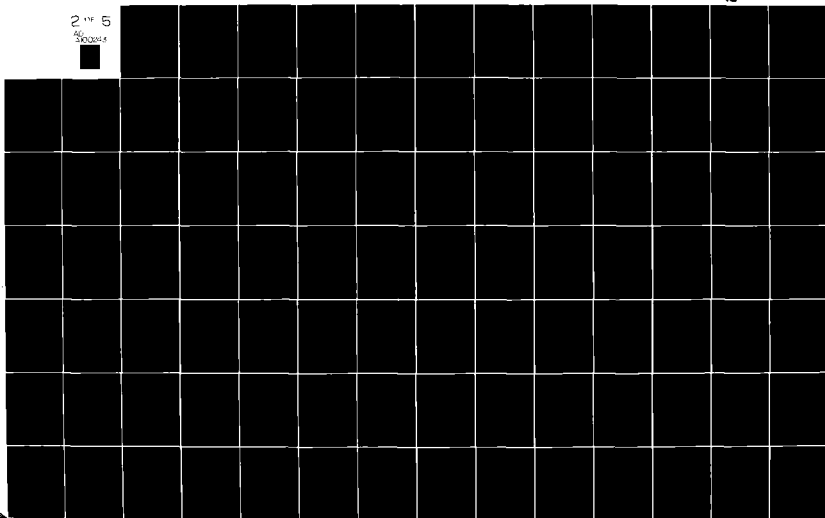
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WHITEHORSE APT, YUKON TERRITORY, CANADA, REVISED UNIFORM SUMMARY--ETC
JAN 72

UNCLASSIFIED USAFETAC/DS-81/038

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2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHIT HORSE YT DUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.6	2.4	.9								9.4	5.7
NNE	.1	.2	.3									1.3	4.7
NE	.9	.1	.1									1.1	3.3
ENE													
E	.7	.5	.3									1.7	4.2
ESE	.4	.8	1.5	3.0	.4							6.1	10.9
SE	3.4	3.0	10.9	16.9	2.2							36.3	10.6
SSE	.3	1.1	5.4	7.0	.9							14.6	11.1
S	1.1	.9	2.0	.9								4.8	7.2
SSW	.1		.1	.1								.3	8.3
SW	.3	.1	.3	.4								1.2	7.5
WSW	.2	.2										.4	3.3
W	.1											.1	2.0
WNW		.1	.2									.3	7.3
NW	4.3	3.5	2.4	1.3								11.5	5.5
NNW	.4	2.0	.8	1.2								4.7	6.9
VARBL													
CALM												6.0	
	17.1	15.2	26.7	31.6	3.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITEHORSE VT DUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.2	2.4	.6								2.0	5.9
NNE	.9	.4	.4	.1								1.3	6.0
NE	1.3	.3										1.6	3.0
ENE	.9	.1										.4	3.3
E	.8	.1	.4	.4								1.7	6.4
ESE	.6	.5	3.0	2.9	.4							7.5	10.1
SE	2.5	4.3	9.2	13.5	2.0	.2						31.8	10.5
SSE	.9	.8	4.4	5.9	1.8	.2						14.0	11.6
S	.4	.3	1.4	1.2	.2	.1						4.1	9.6
SSW		.2	.4	1.2	.3	.1						2.2	12.4
SW	.3	.2	.2	1.2	.1	.1						2.2	11.7
WSW	.2	.1		.1	.1							.5	8.8
W	.2	.2	.2									.6	5.3
WNW	.3	.4	.3	.2								1.5	6.3
NW	3.1	3.3	3.9	1.5	.1							11.9	6.6
NNW	.8	1.9	2.3	1.3								6.2	7.9
VARBL													
CALM												4.4	
	15.5	15.5	28.6	30.2	5.2	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITELHORSE VT DUFF APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	2.9	.8								7.1	6.5
NNE	.2	.2	.2	.2								.9	6.9
NE	.5	.2	.2									1.0	3.9
ENE		.1		.1								.2	9.0
E	.2	.1	.3	.1								.8	7.3
ESE	.3	.3	1.8	2.9	.2	.1						5.3	11.0
SE	1.9	3.8	9.4	12.2	1.8	.4						29.5	16.7
SSE	.5	1.2	4.6	6.3	1.5							14.2	11.3
S	1.0	1.3	1.7	1.6	.6							6.2	9.1
SSW	.1	.6	1.2	2.4	.6	.2						5.2	12.4
SW	.3	.5	1.5	2.4	.3							5.1	10.7
WSW		.1	1.0	.3	.1							1.5	16.1
W	.0	.1	.8									1.5	9.9
WNW	.3	.3	.3	.3								1.3	7.3
NW	1.5	4.5	3.1	1.9	.1							11.2	6.9
NNW	.5	1.8	2.6	.9	.1							6.1	7.7
VARBL													
CALM												3.1	
	10.1	17.0	31.6	31.9	5.5	.8						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

26316

STATION

WHITENORSE YT OUT APT

STATION NAME

57-66

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	2.2	.6								5.3	6.7
NNE	.1	.2	.1		.1							.5	7.6
NE	.3	.2										.5	3.4
ENE													
E	.9	.2		.1	.1							1.3	5.1
ESE	.4	.4	1.8	2.2	.2							5.1	10.4
SE	1.4	3.4	13.1	9.6	2.2							30.1	10.1
SSE	.3	1.3	7.4	4.4	.8							14.2	10.4
S	1.4	1.9	2.9	1.9	.4							8.2	7.8
SSW	.5	.4	.6	1.0	.2	.1						2.9	9.6
SW	2.3	1.4	1.3	1.5	.1							6.6	6.9
WSW		.8	1.3		.1							2.2	7.7
W	1.4	.4	1.0	.2								3.3	3.4
WNW		.5	.9	.2								1.6	7.8
NW	2.7	3.5	2.3	1.0								9.5	5.9
NNW	.3	1.2	1.3	.2	.1							3.1	7.6
VARBL													
CALM												5.5	
	14.3	17.2	36.1	22.5	4.3	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION WHITEHORSE YT OUT APT 57-66 YEARS
 CLASS ALL WEATHER
 MONTHS 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.8	.6	.2								3.5	4.7
NNE	.1											.1	2.0
NE	.3	.1										.4	3.3
ENE	.1											.1	2.0
E	.5		.2									.8	4.3
ESE	.2	.1	.8	1.3								2.4	10.3
SE	2.3	4.2	12.5	9.0	1.1							29.0	9.6
SSE	1.0	2.6	8.6	4.4	.5	.2						17.3	9.5
S	2.6	2.6	4.5	.9								10.5	6.4
SSW	1.2	.8	.6	.3								2.9	5.5
SW	4.1	3.4	.8	.1								8.4	4.1
WSW	1.2	1.7	1.1									4.0	5.1
W	2.0	1.7	1.6		.1							5.5	5.1
WNW	.3	.5	.5	.2								1.6	6.4
NW	.4	2.0	1.8	.4								5.1	6.3
NNW	.6	.3	.6	.2								1.8	6.4
VARBL													
CALM												6.6	
	19.4	20.9	34.3	17.1	1.7	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITELAND VT OUT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.4				.1					1.2	7.3
NNE	.2	.1										.3	3.0
NE	.2	.1										.3	3.7
ENE													
E	.5											.6	2.2
ESE	.2	.2	.3	.3	.1	.2	.1					1.6	12.4
SE	4.3	3.7	5.9	11.2	2.4	.1						27.7	10.1
SSE	2.1	2.1	7.2	9.3	1.0							21.8	10.1
S	4.3	3.0	4.0	2.4	.8							14.6	7.3
SSW	.4	.2	.3	.2		.1						2.1	7.1
SW	3.2	1.0	.1									4.3	3.3
WSW	.4	.0										1.0	4.1
W	2.9	.6										3.4	2.8
WNW	.6	.7	.1									1.3	3.8
NW	2.7	2.0	2.1									6.8	5.0
NNW	.4	.6	.3	.7	.1							2.4	7.5
VARBL													
CALM												10.6	
	23.7	15.1	21.3	24.2	4.4	.4	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITEHORSE YT DOT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.2		.1							1.1	5.6
NNE	.1	.1										.2	4.0
NE	.1											.1	3.0
ENE													
E	.4											.4	2.5
ESE	.3		.1	.4	.1	.1						1.1	10.1
SE	6.7	3.4	6.7	8.3	1.3	.6	.1					27.1	9.1
SSE	3.3	2.3	6.1	9.6	1.3	.1						22.8	10.0
S	3.6	3.1	5.3	4.3	.8							17.1	8.4
SSW	.6	.6	.2									1.3	4.5
SW	2.1	1.2	.1									3.4	3.4
WSW	.6	.2										.6	3.7
W	2.0	.6	.3									2.9	3.3
WNW	1.1	.8	.2	.1								2.2	4.8
NW	1.9	1.9	2.0	.3								6.1	5.6
NNW	.2	.4	.4	.3								1.4	7.6
VARBL													
CALM												11.8	
	23.7	14.8	21.8	23.4	3.7	.8	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26315
STATION

WHITEHORSE YT OUT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1	.3	.2								2.1	4.5
NNE		.1										.1	5.0
NE	.9	.1										1.0	2.7
ENE	.1											.1	3.0
E	1.3											1.3	2.1
ESE	.9	.3	.6	.6								2.3	7.3
SE	7.0	3.2	5.3	11.4	1.7	.6	.2					29.4	9.8
SSE	1.6	2.1	5.4	11.6	1.9	.2						22.8	11.3
S	3.6	1.9	3.8	4.2	.3							13.8	8.5
SSW	.3	.1	.1									.6	4.0
SW	.9	.2		.1								1.2	3.7
WSW	.2	.1										.3	3.3
W	1.4	.7										2.1	3.2
WNW	.6	.2	.3	.1								1.2	5.3
NW	3.3	2.0	1.4	.6								7.3	5.1
NNW	.3	.2	.4	.6	.1							1.7	8.7
VARBL													
CALM												12.6	
	23.9	11.4	17.8	29.3	4.0	.8	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATION

WHITEHORSE YT DUT APT
STATION NAME

57-66
YEARS

SFP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1	1.8	.4	.1	.1						5.8	6.3
NNE	.2	.7	.3									1.2	5.8
NE	.6	.4	.1									1.1	3.9
ENE													
E	1.2	.1	.1	.1								1.6	3.7
ESE	.4	.2	1.2	3.3	.4	.2						5.9	12.3
SE	2.9	3.1	10.3	15.1	3.6	.4						35.4	11.1
SSE	.7	1.0	4.1	10.7	1.9	.1						18.4	12.4
S	.7	.7	1.9	2.4	.9							6.6	11.1
SSW	.1	.1	.1	.1	.2							.7	10.3
SW	.2		.1	.2	.2							.8	10.6
WSW	.1		.1									.2	6.0
W	.2	.2	.1	.1								.7	6.0
WNW	.3	.1	.2	.1								.8	5.9
NW	3.8	1.9	2.7	.4	.1							8.9	5.6
NNW	.6	1.1	.4	.3								2.4	6.4
VARBL													
CALM												9.6	
	14.2	10.8	23.7	33.4	7.4	.9						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
 STATION

WHITEHORSE YT DUT APT
 STATION NAME

57-66
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.8	2.7	.7		.1						7.4	6.5
NNE	.1	.3	1.0									1.4	7.6
NE	.8	.1	.2	.1								1.2	4.4
ENE		.2										.2	4.0
E	.8	.2	.3	.1								1.4	4.9
ESE	.1	.4	1.8	2.4	.6							5.3	11.7
SE	1.9	3.2	10.3	16.6	3.3	1.1						36.4	11.6
SSE	.4	1.6	3.4	6.6	1.6	.1						13.7	11.8
S	1.2	.7	1.6	1.7	.6	.1						5.8	9.6
SSW	.4	.3	.9	1.6	.2							3.4	10.4
SW	.9	.1	1.0	.9	.2	.1						3.2	9.2
WSW	.2	.1	.2	.3								.9	8.6
W	1.0	.2		.3								1.6	4.9
WNW	.3	.1	.2	.1								.8	6.4
NW	2.0	2.6	2.4	1.1								8.1	6.6
NNW	1.1	1.1	.9	1.2								4.3	7.4
VARBL													
CALM												4.7	
	13.6	13.1	27.0	33.7	6.4	1.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHIT-HORSE YT DUT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	2.1	.8								6.9	6.3
NNE	.6	.2	.3		.1							.9	6.9
NE	.8	.1	.2									1.1	3.9
ENE													
E	.6	.2	.3		.1							.9	7.5
ESE	.1	.4	2.1	1.1	.1	.1						4.0	10.2
SE	2.7	3.2	9.4	12.9	3.1	1.0						32.3	11.0
SSE	.6	1.2	4.7	8.9	1.8							17.1	11.9
S	1.6	.8	2.1	2.4	.4		.1					7.4	9.3
SSW	.3	.7	1.7	1.1	.1							3.9	9.5
SW	.3	.3	1.0	1.4	.3							3.4	10.7
WSW		.3	.6	.9								1.8	10.8
W	.8	.3	.3	.1	.1							1.7	5.8
WNW	.3	.3	.4	.3								1.4	7.2
NW	2.6	2.0	2.7	.8	.1							8.7	6.2
NNW	.3	1.0	1.2	1.2	.2							4.0	9.3
VARBL													
CALM												4.4	
	12.4	14.1	29.2	32.0	6.6	1.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION NAME MILITARY VT OUT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER
 CONDITION
 1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.4	.4	.1								2.3	4.3
NNE		.1										.1	4.0
NE	.4		.1									.6	3.8
ENE													
E	.1	.1	.1	.1								.4	7.0
ESE	.2	.3	.3	1.1	.1							2.1	10.4
SE	1.8	3.4	12.1	11.9	1.8							31.6	10.3
SSE	1.2	2.1	7.0	7.3	.7	.2						18.6	10.4
S	1.8	2.6	3.4	2.4	.1							10.3	7.9
SSW	.6	.7	.9	.7	.3	.3						3.4	10.2
SW	1.3	3.0	1.2	.6	.1							6.2	5.9
WSW	.7	1.6	.3	.4								3.0	5.9
W	2.1	2.3	1.3	.1	.1							6.0	5.1
WNW	.6	.8	.3	.3								2.0	6.4
NW	1.9	2.7	2.0	.7								7.2	6.1
NNW	.1	.6	.7	.9								2.2	9.0
VARBL													
CALM												4.4	
	14.1	20.7	30.3	26.7	3.2	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26319 STATION WHITENORSE VT DUT APT STATION NAME 57-66 YEARS SEP MONTH 2100-2300 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.1	.2								1.1	6.4
NNE	.2											.2	3.0
NE	.6											.6	2.6
ENE	.2											.2	2.3
E	.1	.4										.6	4.0
ESE		.2	.4	.3	.2							1.2	11.2
SE	1.4	4.1	9.3	11.7	2.6	.1						29.6	10.6
SSE	1.6	2.3	7.4	9.1	1.0	.1						21.6	10.4
S	3.4	2.6	2.3	1.8	.3	.1						10.9	6.9
SSW	.6	.8	.4	.4	.3							2.6	8.0
SW	5.3	2.9	.2	.2								8.7	3.8
WSW	.8	1.6	.7									3.0	4.7
W	1.4	1.6	.6									3.6	4.3
WNW	1.2	.3	.3									1.7	4.1
NW	2.4	1.4	1.7	.2	.1							6.2	5.3
NNW	.6	.7	.4	.6								2.2	7.3
VARBL													
CALM												6.2	
	20.9	19.4	24.0	24.6	4.6	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 700

2

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

26316
STATIONWHITELAND VT OUT APT
STATION NAME57-66
YEARSJCT
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.4	.2	.9	.2	.1						2.6	9.0
NNE	.1											.1	3.0
NE	.6	.1	.1									.8	3.4
ENE													
E	.4		.2		.1							.8	6.7
ESE			.6	1.1	.3	.1						2.2	14.0
SE	1.2	2.3	4.9	13.4	3.7	1.0						26.5	12.3
SSE	1.6	1.3	4.7	11.6	1.8	.8	.1					22.2	12.1
S	2.5	2.6	4.7	3.1	1.1	.2						14.2	9.0
SSW	.5	.5	.8	.2								2.0	6.3
SW	.3	.3	.5									1.2	5.6
WSW	.2	.1										.3	3.3
W	2.2	1.4	.5									4.1	4.0
WNW	.4	.1	.5									1.1	5.4
NW	2.6	2.3	2.3	1.2	.3							8.8	6.6
NNW	.4	.9	.6	.6	.2							2.8	8.6
VARBL													
CALM												10.4	
	13.4	12.7	20.9	32.2	7.7	2.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FORCE SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION HITCHCOCK VT DUT APT 57-66 CT MONTH
STATION NAME YEARS 0300-0500
CLASS HOURS (L.S.T.)

ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.5	.5	.4							2.8	8.5
NNE	.2											.2	1.5
NE	.4											.4	2.5
ENE													
E	.4	.1	.1									.6	3.5
ESE	.3	.1	.6	.4	.1	.1						1.7	10.9
SE	3.2	1.9	4.2	13.0	4.6	1.2	.2					28.4	12.4
SSE	1.7	2.8	5.6	9.9	2.9	.9						23.8	11.7
S	1.9	1.9	3.9	4.9	.9	.1						13.7	9.8
SSW	.4	.2	.6		.1	.1						1.5	8.1
SW	.4	.3	.2									1.3	4.0
WSW	.3	.4										.8	3.7
W	2.6	1.4	.2									4.2	3.4
WNW	.1	.2	.2	.3								.9	8.8
NW	3.6	2.4	1.9	.9	.3	.2						9.5	6.4
NNW	.4	.8	.4	1.0								2.6	8.4
VARBL													
CALM												7.7	
	17.5	13.0	18.6	31.0	9.4	2.6	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITELHORSE VT DUT APT
STATION NAME57-66
YEARSJCT
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.5	.8	.5	.1							3.0	7.0
NNE												.1	2.0
NE	.1												
ENE													
E	.2	.1										.4	3.3
ESE			.6	.9	.3							1.8	12.9
SE	3.9	1.8	5.8	13.9	3.5	1.3	.5					30.8	12.1
SSE	1.2	1.0	4.9	10.4	3.8	.2						21.8	12.5
S	2.4	1.7	3.9	4.3	.4							12.7	9.1
SSW	.2	.4	.2	.2	.1							1.3	6.5
SW	2.0	.2	.1									2.4	3.0
WSW	.2	.2										.4	3.8
W	2.3	.3	.1									2.5	3.0
WNW	.6	.4	.2	.2								1.5	5.5
NW	3.1	3.2	1.7	1.3	.3	.4						9.9	6.5
NNW	.4	.6	1.3	.8								3.1	8.5
VARBL													
CALM												8.3	
	18.1	10.0	19.7	32.5	8.6	1.7	.5					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITEHORSE YT OUT APT 57-66
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 0900-1100
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.1	.9	1.2	.1							4.5	7.5
NNE	.1	.2										.3	3.7
NE	.4											.4	2.0
ENE													
E	.6	.1	.1	.1								1.0	4.2
ESE	.2	.4	.8	1.0	.2	.1						2.7	11.2
SE	2.5	1.7	5.7	15.7	5.2	1.6	.1					32.5	13.0
SSE	.8	1.1	4.8	11.2	4.3	.4						22.6	12.9
S	.6	.3	2.7	2.6	1.3		.1					7.6	11.3
SSW	.1		.3	.2	.3							1.0	12.4
SW	.2		.2									.4	5.3
WSW			.1	.3								.4	11.8
W	.8											.8	2.4
WNW	.4	.1	.3	.3								1.2	7.2
NW	3.8	3.0	2.5	1.5	.2	.3						11.3	7.0
NNW	.4	.8	1.5	.9								3.9	8.2
VARBL													
CALM												9.8	
	12.3	8.8	19.9	34.3	11.6	2.5	.2					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITTHORSE YT DUT APT 57-66 YEARS OCT
STATION NAME MONTH
ALL WEATHER CLASS
1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	1.6	.9	.2							5.3	7.5
NNE	.7		.1									.5	3.6
NE	.2	.1	.1	.1								.5	6.0
ENE													
E	.3		.2	.3								.9	7.5
ESE	.3		.5	2.2	.1	.1						3.2	13.3
SE	.8	1.4	5.1	17.4	5.5	1.5						31.5	13.7
SSE	1.0	.9	2.7	12.3	3.5	.2						20.9	13.1
S	1.3	1.2	2.4	3.9	.4	.2						9.0	10.4
SSW	.1		.4	1.3	.2	.5						2.6	14.9
SW	.5	.1		.9								1.5	9.0
WSW	.1		.2									.3	6.7
W	.4	.3		.2								1.3	4.7
WNW	.2	.5	.2	.1								1.1	6.5
NW	2.3	3.1	3.4	1.3	.6	.2	.1					11.1	8.0
NNW	.5	1.0	1.1	1.1	.2							3.9	8.9
VARBL													
CALM												6.7	
	9.6	10.1	18.1	41.8	10.9	2.8	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 WHITEHORSE YT DUT APT 57-66 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.4	.5								3.0	7.9
NNE		.2		.1								.3	7.0
NE			.3	.1								.4	10.3
ENE	.1											.1	2.0
E	.4		.1									.5	4.2
ESE	.1	.2	.2	1.9	.5							3.0	14.0
SE	.9	1.6	8.2	14.4	5.2	.9	.2	.1				31.4	13.0
SSE	.4	.8	4.7	12.7	2.5	.4	.1					21.6	12.9
S	1.2	1.4	2.9	3.3	.2	.1						9.1	9.5
SSW	.2	.1	.2	1.5	.2							2.3	11.9
SW	1.5	.5	.9	.6		.1						3.7	6.4
WSW	.3	.1	.3	.2								1.0	6.9
W	.4	.9	.4									1.7	4.6
WNW	.2	.8	.3		.1							1.4	6.4
NW	1.8	3.2	2.6	1.9	.4							10.0	7.7
NNW	.4	1.3	1.7	.9								4.2	7.8
VARBL													
CALM												6.2	
	8.5	11.6	24.3	38.3	9.1	1.5	.3	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
 STATION

WHITEHORSE VT OUT APT
 STATION NAME

57-66
 YEARS

UCT
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.3	.3	.5								2.2	6.5
NNE			.1									.1	8.0
NE	.6											.6	2.5
ENE			.1									.1	10.0
E	.2	.2	.1									.5	4.8
ESE	.1	.2	.4	1.1	.4							2.3	12.0
SE	1.5	2.7	9.1	14.2	3.1	.6	.4					31.7	11.9
SSE	1.1	1.2	6.5	10.0	2.6	.3						21.6	11.9
S	2.3	1.6	2.7	3.8	.4	.1						10.9	9.0
SSW	.1	.6	.4	.3	.1							1.6	8.5
SW	1.4	1.6	.2	.3								3.5	4.7
WSW	.4	.9	.3									1.6	5.0
W	1.7	1.8	.8									4.3	4.4
WNW	.6	.6	.8		.1							2.2	5.9
NW	2.2	2.2	1.8	1.6	.5							8.6	7.4
NNW	.4	.3	1.3	1.0	.1							3.1	9.1
VARBL													
CALM												5.1	
	14.0	14.3	24.9	32.8	7.4	1.1	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHORSE VT OUT APT 57-66 YEARS OCT MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.4	.8	.1							3.1	7.3
NNE			.1									.1	10.0
NE	.4		.1	.1								.6	5.2
ENE													
E	.2											.2	3.0
ESE			.2	.5	.1							.9	13.9
SE	1.5	2.2	7.1	14.7	3.7	.9						30.0	12.2
SSE	1.9	1.7	5.6	10.5	2.5	.8	.1					23.1	11.9
S	2.5	1.1	3.5	4.7	.3							12.2	9.3
SSW	.4	.2	.3	.3								1.3	7.0
SW	1.7	.8	.9									3.3	4.8
WSW	1.1	.8	.1									1.9	4.1
W	1.6	.9	.1									2.6	3.3
WNW	1.2	.6	.6									2.5	5.0
NW	4.2	2.0	2.5	1.1	.2							10.0	6.0
NNW	.5	.3	.6	1.1								2.6	8.8
VARBL													
CALM												5.6	
	18.4	11.3	22.3	33.9	6.9	1.6	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
 STATION

WHITCHURSE VT OUT APT
 STATION NAME

57-66
 YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	.2	.1	.1							2.7	5.2
NNE	.1											.1	3.0
NE	.2	.1										.3	2.7
ENE													
E	.7											.7	2.3
ESE	.4			.6								.8	11.7
SE	3.3	1.8	2.9	7.7	3.4	.8	.1	.1				20.1	11.9
SSE	.9	1.6	2.4	8.7	3.3	1.0	.1					18.0	13.2
S	2.2	.9	2.6	4.4	1.1	.4						11.7	10.9
SSW	.3	.1	.6	.4								1.4	8.3
SW	1.1	.4	.7	.1	.1							2.4	5.5
WSW	.7	.4										1.1	3.6
W	1.6	1.2	.6	.2								3.6	4.9
WNW	.8	1.0	1.1									2.9	5.5
NW	4.6	4.3	5.9	1.7	.7							17.3	6.8
NNW	1.7	1.6	2.3	1.4	.4							7.4	7.8
VARBL													
CALM												9.4	
	19.3	14.9	19.2	23.3	9.2	2.2	.2	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
 STATION

WHITCOMB VT DUT APT
 STATION NAME

57-66
 YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.2	.9	.1	.2							3.3	6.4
NNE												.2	2.0
NE	.2											.1	3.0
ENE	.1											.6	3.2
E	.4	.1										1.1	5.9
ESE	.8		.1	.1		.1						19.4	12.1
SE	3.8	1.3	2.4	6.7	3.7	1.2	.2	.1				19.1	13.0
SSE	1.7	.9	4.0	6.8	4.4	1.3						12.4	11.5
S	2.0	1.2	1.9	4.8	2.1	.4						.2	12.0
SSW			.1	.1								1.9	4.1
SW	1.4		.3	.1								1.3	3.6
WSW	.9	.3	.1									4.2	4.5
W	2.0	1.6	.7									3.2	6.1
WNW	1.0	.9	1.2	.1								17.6	6.6
NW	5.4	3.9	5.7	2.2	.3							6.1	8.8
NNW	1.0	1.1	2.0	1.7	.2	.1							
VARBL												9.1	
CALM													
	21.7	12.6	19.4	22.7	11.0	3.2	.2	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ITAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITEHORSE YT DDT APT
STATION NAME

57-66
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.4	1.3	.2								4.8	5.1
NNE	.1	.1										.2	3.0
NE	.2											.2	2.0
ENE													
E	.2	.1										.3	3.0
ESE	.4	.1	.3	.1	.1							1.1	7.3
SE	3.2	1.6	2.4	6.6	3.3	.9	.3					18.3	12.0
SSE	1.7	1.2	2.6	9.6	4.6	1.1	.2					20.9	13.6
S	2.2	1.3	2.1	5.7	1.3	.2						12.9	10.7
SSW	.2	.2	.3	.3								1.1	7.9
SW	1.1	.2										1.3	2.9
WSW	.1	.1										.2	4.0
W	3.1	1.9	.3									5.3	3.9
WNW	1.1	1.3	.7	.1								3.2	5.0
NW	3.4	3.6	4.2	2.8	.4	.2						14.7	7.6
NNW	.4	.7	2.1	2.4	.1							6.1	9.4
VARBL												9.2	
CALM													
	19.8	13.9	16.4	27.8	9.9	2.4	.6					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONUNITHORSE YT DUT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	1.2	.3								4.0	7.0
NNE													
NE	.4	.1										.6	3.2
ENE													
E	.6	.3		.1								1.0	4.0
ESE	.2			.1	.2							.4	10.3
SE	4.2	2.0	2.9	7.4	3.8	1.2	.2					21.8	11.5
SSE	1.9	1.2	2.7	8.0	4.0	.8						18.6	13.0
S	1.4	.6	2.3	5.2	2.3	.4						12.3	12.6
SSW		.2	.1									.3	5.0
SW	.6	.3	.2	.1								1.2	7.4
WSW	.3	.1										.4	7.5
W	1.7	.6	.3									2.6	3.9
WNW	1.4	1.2	.6	.1								3.3	4.8
NW	4.2	3.8	3.9	2.3	.3	.2						14.8	7.1
NNW	1.3	1.8	2.4	1.7								7.2	7.7
VARBL													
CALM												11.4	
	19.7	12.9	16.7	25.9	10.6	2.7	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310	WHITEHORSE YT OUT APT	57-66	NDV
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1200-1400
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.7	1.0	1.2	.1							6.3	6.4
NNE	.1	.1		.1								.3	8.0
NE	.4											.4	2.8
ENE													
E	.3											.3	3.0
ESE	.2	.1		.2	.1							.7	10.0
SE	2.3	2.6	4.2	9.3	5.7	1.0						25.1	12.4
SSE	.7	.7	2.2	6.9	2.1	.9						13.4	13.3
S	.7	.7	2.6	5.8	1.3	.2	.2					11.4	12.5
SSW	.1	.1	.4	.4								1.1	9.4
SW	.4	.2	.2	.1								1.0	5.3
WSW	.1											.1	3.0
W	.2	.1	.2									.6	4.8
WNW	.2	.9	.6	.1								1.8	5.7
NW	4.4	5.4	5.1	2.6	.1	.2						18.2	7.1
NNW	.7	.9	2.3	2.7	.1							6.8	9.8
VARBL													
CALM												12.3	
	13.4	13.4	18.9	29.7	9.6	2.4	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

2

ATA PREPARED DIVISION
TAL/USAF
WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
MITCHELL FLD YTD APT

57-66

YEARS

POINT
NORTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	.7	.2								3.4	6.9
NNE													
NE		.1										.1	5.0
ENE													
E	.2	.2	.1									.6	4.0
ESE	.1		.6	.3	.2	.1						1.3	12.8
SE	1.0	1.4	4.6	8.7	4.3	.8	.1					21.4	12.8
SSE	1.2	1.3	2.3	5.8	3.8	.9						15.3	13.1
S	2.3	1.4	3.7	4.4	2.4	.7						15.0	11.2
SSW	.2	.2	.1	.1	.1							.4	7.9
SW	.8	.6	.8									2.1	5.2
WSW	.2	.1	.1									.4	4.3
W	1.3	1.1	.6									3.0	4.4
WNW	.6	1.2	1.9									3.9	6.0
NW	3.2	4.9	4.3	3.0	.1	.2						15.8	7.2
NNW	1.3	1.3	2.9	1.8	.2	.1						7.7	8.7
VARBL													
CALM												8.8	
	14.7	15.0	22.6	24.9	11.2	2.8	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITEHORSE YT OUT APT
STATION NAME57-66
YEARSNDV
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.3	1.0	.7	.1	.1						3.6	7.9
NNE	.1											.1	2.0
NE	.6	.1										.7	3.0
ENE		.1										.1	5.0
E	.3	.1										.4	2.8
ESE	.1	.1		.6								.9	10.6
SE	3.4	2.0	3.9	9.3	2.9	1.3						22.9	11.9
SSE	.7	1.2	3.6	8.3	2.4	.4						16.7	12.9
S	1.7	.7	3.6	5.1	1.6	.1						12.6	11.0
SSW	.2	.1	.3	.2								.8	7.7
SW	1.4	.6	.6									2.6	4.2
WSW	.3	.6	.2									1.1	4.4
W	1.7	1.0	.2									3.0	4.0
WNW	.7	1.6	2.0		.1							4.3	6.6
NW	3.1	2.4	5.9	2.0	.6	.2						14.2	7.7
NNW	1.7	1.1	1.8	1.9	.4							6.8	8.9
VARBL													
CALM												9.4	
	17.2	12.0	22.9	28.1	8.1	2.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316

WHITEHORSE YT DUT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	.6	.5	.2	.1						4.4	7.1
NNE	.2											.2	3.0
NE	.6											.6	2.8
ENE													
E	.7											.7	2.3
ESE	.2	.2	.2	.1								.8	6.6
SE	3.4	1.9	3.3	8.6	3.7	.6	.1					21.6	11.6
SSE	1.8	1.3	3.3	6.2	3.1	.9						16.7	12.2
S	1.6	.4	3.6	3.4	1.9	.7						11.6	11.5
SSW	.3	.2	.6	.1								1.2	6.7
SW	1.3	.4	.1									1.9	3.2
WSW	.4	.2	.1									.8	4.1
W	1.1	.4	.3	.1								2.0	4.4
WNW	.7	.9	2.0									3.6	6.4
NW	3.4	4.2	5.8	2.2	.7							16.3	7.3
NNW	2.0	.7	2.4	1.6	.1							6.8	7.7
VARBL													
CALM												11.0	
	19.2	12.3	22.3	23.1	9.7	2.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC

FORM
JUL 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATION

WHITENHURST YT DUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.4	1.0	.6	.4						6.8	8.8
NNE													
NE	.3											.3	1.7
ENE													
E	.4	.2										.6	2.8
ESE	.4	.1	.1	.1								.8	3.6
SE	3.2	2.5	3.3	8.4	4.2	1.0	.2					22.8	12.0
SSE	1.1	1.2	3.8	7.3	3.4	.6						17.4	12.6
S	1.1	.6	1.7	4.1	3.0	.1						10.6	12.4
SSW	.2		.2	.1								.5	7.0
SW	.3	.1	.1	.1								.6	5.0
WSW		.2										.2	6.0
W	1.3	.2										1.5	2.7
WNW	.6	.5	.6	.3								2.2	6.5
NW	7.0	3.7	4.4	2.9	.4							18.4	6.6
NNW	1.2	1.7	3.2	1.6	.2							8.0	8.1
VARBL													
CALM												9.7	
	19.1	12.5	18.9	25.9	11.9	2.2	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATIONWHITTHORSE YT OUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.5	2.2	.4	.5	.1						7.0	7.1
NNE		.1										.1	4.0
NE	.2											.2	3.0
ENE													
E	.3		.1									.4	3.8
ESE	.6	.5		.2								1.4	5.1
SE	2.4	3.2	3.1	9.7	5.4	1.3						25.1	12.6
SSE	1.0	1.3	2.2	8.3	3.0	.6	.2					16.6	13.4
S	.3	.3	1.9	2.8	2.4	.8						8.7	13.7
SSW	.1	.1	.2	.2								.6	8.7
SW	.4	.2	.1									.8	4.1
WSW	.3											.3	2.7
W	.8	.4										1.2	3.5
WNW	.8	.3	.2	.6								2.4	6.3
NW	3.6	3.9	3.5	3.0	.5	.1						16.7	7.0
NNW	1.6	1.9	2.0	1.9	.2							7.7	8.1
VARBL													
CALM												10.9	
	16.7	14.5	15.6	27.2	12.0	2.9	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
STATIONWHITEHORSE YT OUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	.8	1.3	.1							6.0	6.7
NNE	.1											.1	3.0
NE	.2	.1										.3	2.7
ENE													
E	1.2	.1										1.3	2.7
ESE	.2	.3	.1									.9	3.0
SE	3.7	2.5	2.8	8.2	4.9	1.3	.1	.1				23.5	12.4
SSE	1.7	2.0	2.2	8.1	4.5	.6						19.1	12.8
S	1.5	.4	1.6	4.0	1.9	.1	.1					9.7	11.9
SSW			.1	.2								.3	10.3
SW	.6	.1										.8	2.7
WSW	.1											.1	2.0
W	1.2	.5	.1									1.8	3.5
WNW	.2	.4	.5	.8								1.9	8.8
NW	4.4	3.5	3.8	2.5	.3	.1						15.2	6.7
NNW	1.3	1.6	1.2	2.3	.3							6.7	8.4
VARBL													
CALM												12.3	
	18.8	14.0	13.1	27.2	12.2	2.2	.2	.1				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316 STATION WHITEHORSE YT DUT APT 57-60 YEARS DFC NORTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.1	1.1	1.0	.3	.1						4.8	8.3
NNE												.1	3.0
NE	.1											.1	3.0
ENE	.1											1.3	2.8
E	1.0	.2	.1									.6	6.2
ESE	.2	.2	.1	.1								23.7	12.7
SE	3.8	1.9	2.0	8.9	5.4	1.6						18.0	13.9
SSE	.4	1.0	3.7	7.3	4.3	1.3						9.1	13.6
S	.2	.6	1.5	4.3	2.0	.2	.2					.1	11.0
SSW				.1								1.2	2.7
SW	1.0	.1	.1									1.6	3.0
WSW												2.2	6.6
W	1.1	.5										16.6	6.4
WNW	.6	.2	1.1	.2								7.0	9.7
NW	5.7	4.4	3.8	2.3	.4								
NNW	.5	1.2	2.6	2.3	.3	.1							
VARBL												13.7	
CALM													
	16.0	11.5	16.0	26.5	12.8	3.3	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310 STATION WHITEHORSE VT DUT APT 57-66 YEARS DEC MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.5	1.6	.6	.6							6.6	7.3
NNE			.1									.1	10.0
NE	.2											.2	2.0
ENE	.1											.1	3.0
E	.4	.1	.1									.6	3.3
ESE			.2	.6								.9	12.3
SE	3.0	1.3	4.5	9.2	4.6	1.8	.1					24.6	12.7
SSE	.2	1.0	3.2	7.7	4.9	.8	.3					18.2	14.3
S	1.0	.9	1.5	3.8	2.3	.4						10.0	12.6
SSW	.1	.2	.2									.5	5.2
SW	.5	.1	.1	.1								.9	4.5
WSW	.1											.1	2.0
W	.5	.4	.2									1.2	4.4
WNW	.5	.8	.1	.4								1.8	6.1
NW	4.9	3.9	5.4	3.1	.1							17.4	6.9
NNW	.5	1.6	2.3	1.4	.6							6.5	9.5
VARBL													
CALM												10.3	
	14.4	11.7	19.6	27.1	13.4	3.0	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITEHORSE YT DUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.6	1.5	.5	.6	.1						6.5	7.5
NNE	.1											.1	2.0
NE		.1										.1	4.0
ENE													
E	.5											.5	2.2
ESE	.1		.1	.1								.3	8.7
SE	2.2	3.1	3.3	9.1	4.5	1.2	.1					23.5	12.4
SSE	.4	1.2	3.9	9.6	3.5	1.2	.4					20.2	13.8
S	.5	.5	1.8	4.1	2.4	1.1						10.4	15.8
SSW			.4									.4	8.8
SW	.4	.3										1.1	3.3
WSW	.4											.4	2.8
W	1.0	.5	.2									1.7	3.8
WNW	.6	.8	.4									1.8	4.6
NW	4.5	4.8	4.6	2.5	.2							16.7	6.6
NNW	.9	1.2	2.9	1.9	.6							7.5	9.4
VARBL													
CALM												8.4	
	14.1	14.2	19.2	27.8	11.9	3.5	.5					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26316
STATION

WHITEHOUSE YT OUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.2	.6	.3	.4						5.6	8.6
NNE	.1											.1	3.0
NE	.1											.1	3.0
ENE													
E	.2	.1										.4	3.5
ESE	.2	.1	.1	.4								.9	9.5
SE	3.5	2.7	3.4	8.2	4.0	1.4	.3					23.7	11.9
SSE	.5	1.0	3.1	8.2	4.4	.9						18.2	13.9
S	.4	.2	1.2	4.2	3.0	.6						10.0	14.3
SSW	.2	.1	.1	.3	.2							1.0	10.2
SW	1.0	.1		.1								1.2	3.6
WSW	.2	.4										.6	3.8
W	.4	1.4	.1									2.4	4.3
WNW	.5	.6	.8	.1								2.3	5.5
NW	4.5	3.2	4.6	2.7	.3							17.3	6.9
NNW	1.5	1.4	2.0	2.0	.4							7.4	8.9
VARBL													
CALM												8.9	
	15.9	14.7	16.9	27.2	12.7	3.3	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310

STATION

MITCHELLS VT OUT APT

STATION NAME

57-66

YEARS

DEC

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.3	.8	1.2	.3							5.2	7.6
NNE	.2											.2	2.5
NE	.2											.2	2.0
ENE	.1			.1								.2	8.0
E	1.0	.1										1.1	2.7
ESE	.4	.1	.3	.2	.3							1.4	8.8
SE	3.2	1.8	3.7	7.6	5.2	.6	.1					22.3	12.0
SSE	1.1	.8	2.5	8.6	3.8	.9						17.4	13.2
S	.6	1.0	2.4	3.7	2.7	.3						10.6	12.6
SSW		.1	.4	.1	.1							.8	10.0
SW	1.0	.1	.3									1.4	3.8
WSW	.1	.1										.2	3.5
W	1.3	.9	.1									2.3	3.7
WNW	.6	1.1	1.2	.2								3.1	6.2
NW	3.8	5.2	3.7	3.0	.9							18.5	6.8
NNW	.6	1.5	2.3	1.7	.1	.2						6.4	9.2
VARBL													
CALM												8.4	
	16.2	14.0	17.5	26.2	13.2	2.0	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26310
 STATION

WHITEHORSE VT OUT APT
 STATION NAME

57-66
 YEARS

ALL
 MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE

ALL
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.4	1.0	.4	.2						8.1	6.8
NNE	.1	.0	.0	.0								.2	5.4
NE	.3	.0										.3	2.4
ENE													
E	.4											.4	2.1
ESE	.3	.1	.1	.1								.5	5.5
SE	2.7	1.4	2.1	2.3	1.1	.4	.1					10.0	9.4
SSE	.4	1.0	1.8	2.5	.7	.1	.0					6.9	10.7
S	1.1	.6	1.1	1.1	.2	.1						4.2	8.7
SSW	.2	.1	.1									.4	4.2
SW	1.1	.1										1.2	2.6
WSW	.2	.2	.0									.5	3.7
W	1.6	.7	.1	.0								2.5	3.5
WNW	1.2	1.5	1.3	.5			.0					4.4	6.2
NW	8.1	9.0	9.2	5.1	1.2	.6						33.4	7.5
NNW	2.4	2.6	3.3	2.5	.6	.1	.0					11.6	8.3
VARBL													
CALM												15.4	
	23.3	19.7	20.6	15.0	4.3	1.5	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

3294

DATA PROCESSING DIVISION
ETAC/UCAP
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq 5/16$	$\geq \frac{1}{4}$	≥ 0
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100															
0					95.4		96.9			98.3					100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATE OF OBSERVATION: 07-06-66
 STATION: 17 BASE VT
 CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

STATION: 17 BASE VT DATE: 07-06-66 YEARS: 11 MONTH: 11 HOURS: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
20000	47.1	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9
18000	47.1	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9
16000	47.0	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8
14000	46.9	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7
12000	46.8	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6
10000	46.7	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5
9000	46.6	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4
8000	46.5	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3
7000	46.4	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2
6000	46.3	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1
5000	46.2	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0
4500	46.1	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9
4000	46.0	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8
3500	45.9	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7
3000	45.8	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6
2500	45.7	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5
2000	45.6	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4
1800	45.5	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3
1500	45.4	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2
1200	45.3	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1
1000	45.2	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0
900	45.1	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9
800	45.0	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8
700	44.9	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7
600	44.8	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6
500	44.7	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5
400	44.6	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4
300	44.5	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3
200	44.4	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2
100	44.3	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1
0	44.2	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0

TOTAL NUMBER OF OBSERVATIONS: 8747

CEILING VERSUS VISIBILITY

STATION NAME: ST. LOUIS, MO. DATE: 57-66 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING ≥ 20000	40.4	39.5	40.0	40.6	41.1	41.2	41.7	42.1	42.2	42.3	43.0	43.1	44.1	44.3	44.4	45.1
18000	43.0	44.5	43.0	43.6	46.3	45.6	46.2	47.1	47.6	46.1	46.9	47.7	48.4	49.6	50.0	50.0
16000	43.8	44.7	42.3	45.2	46.2	46.0	47.2	47.4	47.6	48.3	49.1	49.2	49.7	49.8	50.1	50.2
14000	46.0	47.0	47.3	48.2	48.8	48.9	49.4	49.8	49.9	50.6	51.4	51.4	51.9	52.1	52.5	53.1
12000	50.4	51.5	52.1	52.2	51.5	51.3	54.2	54.0	54.7	55.3	56.1	56.1	56.7	56.3	57.1	57.2
10000	55.4	55.7	57.4	58.8	59.1	59.2	59.9	60.4	60.5	61.2	62.0	62.1	62.6	62.7	63.2	63.3
9000	60.2	59.5	60.4	61.5	62.4	62.5	63.3	63.8	63.8	64.6	65.4	65.3	66.0	66.1	66.6	67.2
8000	60.2	61.7	62.6	63.4	64.4	65.0	65.0	66.2	66.4	67.2	68.0	68.0	68.6	68.6	69.2	69.3
7000	62.6	63.7	64.7	66.1	67.2	67.4	68.2	68.5	68.9	69.7	70.5	70.5	71.1	71.2	71.7	72.3
6000	62.6	64.3	65.3	66.7	67.6	67.9	68.4	69.4	69.5	70.3	71.1	71.1	71.7	71.7	72.3	72.3
5000	63.4	67.4	68.3	69.9	71.3	71.2	72.1	72.7	72.8	73.6	74.5	74.3	75.1	75.2	75.7	76.3
4500	66.7	68.8	70.0	71.3	72.7	72.9	73.8	74.4	74.6	75.4	76.2	76.3	76.8	76.9	77.4	78.2
4000	69.5	70.1	72.2	73.8	75.1	75.3	76.2	77.0	77.1	77.9	78.9	78.3	79.4	79.5	80.0	80.4
3500	70.1	72.5	74.0	75.8	77.1	77.4	78.4	79.1	79.2	80.0	80.9	80.9	81.5	81.6	82.1	82.7
3000	72.4	75.0	76.6	78.6	80.1	80.4	81.6	82.2	82.4	83.3	84.2	84.3	84.8	84.9	85.4	86.0
2500	74.4	77.3	78.9	81.0	82.7	83.2	84.4	85.3	85.5	86.4	87.3	87.4	87.9	88.0	88.4	89.1
2000	75.6	78.6	80.3	82.6	84.4	84.9	86.2	87.3	87.5	88.5	89.4	89.6	89.9	90.0	90.1	91.2
1800	76.1	79.1	80.8	83.1	84.9	85.4	86.8	87.9	88.1	89.1	90.0	90.0	90.6	90.7	91.2	91.3
1500	76.7	79.5	81.2	83.3	85.6	86.2	87.7	89.0	89.2	90.4	91.4	91.3	92.0	92.2	92.7	93.3
1200	77.5	80.7	82.4	84.7	86.6	87.2	88.8	90.4	90.6	91.9	93.0	93.0	93.6	93.8	94.2	94.7
1000	78.4	81.7	83.4	85.7	87.6	88.2	89.9	91.2	91.8	93.2	94.4	94.4	95.0	95.2	95.6	96.3
900	78.6	82.1	83.8	86.2	88.1	88.7	90.3	92.1	92.3	93.7	94.9	94.9	95.5	95.6	95.7	96.3
800	79.0	82.4	84.2	86.5	88.4	89.0	90.7	92.3	92.6	94.0	95.2	95.3	95.9	96.1	96.3	97.1
700	79.3	82.7	84.4	86.9	88.7	89.3	91.0	92.6	92.9	94.4	95.6	95.7	96.3	96.4	96.9	97.0
600	79.4	83.1	84.8	87.2	89.1	89.7	91.5	93.1	93.4	94.9	96.1	96.2	96.8	96.9	97.4	98.1
500	79.4	83.3	85.0	87.4	89.4	90.0	91.7	93.4	93.7	95.2	96.4	96.5	97.1	97.1	97.6	98.4
400	80.0	83.5	85.3	87.6	89.7	90.3	92.0	93.8	94.0	95.6	96.8	96.9	97.5	97.7	98.2	98.6
300	80.1	83.6	85.4	87.8	89.9	90.5	92.2	94.1	94.3	95.9	97.1	97.3	97.9	98.1	98.6	99.2
200	80.1	83.6	85.4	87.8	89.9	90.5	92.2	94.1	94.3	95.9	97.1	97.3	97.9	98.1	98.6	99.2
100	80.1	83.6	85.4	87.8	89.9	90.5	92.2	94.1	94.3	95.9	97.1	97.3	97.9	98.1	98.6	99.2
0	80.1	83.6	85.4	87.8	89.9	90.5	92.2	94.1	94.3	95.9	97.1	97.3	97.9	98.1	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
 AIR FORCE
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION WHEELS YI ICAO 57-64 YEARS 11 MONTH 11
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS 11

		VISIBILITY STATUTE MILES															
		≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 1/4	≥ 0
CEILING	≥ 1000	49.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	900	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
800	700	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	600	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
500	400	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	300	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
200	100	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	0	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
1000	900	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	800	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
900	700	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	600	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
800	500	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	400	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
700	300	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	200	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
600	100	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	0	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
500	400	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	300	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
400	200	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	100	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
300	200	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	100	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
200	100	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	0	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
100	0	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
	0	44.7	45.7	42.5	41.1	39.0	37.3	37.3	36.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3

TOTAL NUMBER OF OBSERVATIONS 676

DATA PROCESSING DIVISION
 NAVY ETAC
 WASHINGTON, D.C. 20340

CEILING VERSUS VISIBILITY

26316 AIR FORCE VOLUME 1 OF 1
 STATION NAME

57-65

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
≥ 20000	48.4	47.6	46.8	46.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
IV 18000	46.9	47.4	47.6	47.7	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 16000	47.2	47.6	47.8	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
IV 14000	49.3	49.8	49.9	50.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
IV 12000	42.7	43.1	43.4	43.6	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1
IV 10000	47.9	48.5	48.8	49.2	49.5	49.5	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
IV 9000	71.0	71.8	72.2	72.6	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
IV 8000	73.9	74.9	75.4	75.9	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2
IV 7000	77.0	78.2	78.7	79.3	80.0	80.1	80.2	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9
IV 6000	78.1	79.2	79.8	80.4	81.1	81.2	81.0	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0
IV 5000	81.1	82.4	83.1	83.7	84.5	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5
IV 4500	82.3	83.6	84.5	85.2	86.1	86.3	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1
IV 4000	84.4	86.2	87.1	88.0	89.1	89.3	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3
IV 3500	86.1	88.0	89.0	89.9	91.0	91.3	91.9	92.2	92.2	92.4	92.4	92.4	92.4	92.5	92.5
IV 3000	87.1	89.1	90.1	91.1	92.3	92.6	93.3	93.7	93.7	93.8	93.9	93.9	93.9	94.0	94.0
IV 2500	87.9	90.0	91.1	92.4	93.0	94.2	95.1	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1
IV 2000	88.3	90.6	91.7	93.0	94.5	95.0	96.2	97.3	97.4	97.7	97.8	97.8	97.8	97.9	97.9
IV 1800	88.3	90.6	91.8	93.1	94.7	95.1	96.3	97.6	97.7	98.1	98.1	98.1	98.2	98.3	98.3
IV 1500	88.4	90.8	92.0	93.3	94.8	95.3	96.5	97.9	98.1	98.7	98.8	98.8	98.8	98.9	98.9
IV 1200	88.5	90.9	92.1	93.5	95.0	95.5	96.7	98.1	98.3	99.0	99.2	99.2	99.3	99.3	99.3
IV 1000	88.6	91.0	92.2	93.6	95.1	95.6	96.8	98.2	98.4	99.2	99.4	99.5	99.5	99.6	99.6
IV 900	88.6	91.0	92.2	93.6	95.1	95.6	96.9	98.3	98.5	99.2	99.5	99.5	99.5	99.6	99.7
IV 800	88.7	91.1	92.4	93.8	95.3	95.8	97.0	98.4	98.6	99.4	99.6	99.7	99.7	99.8	99.8
IV 700	88.7	91.1	92.4	93.8	95.3	95.8	97.0	98.4	98.6	99.4	99.6	99.7	99.7	99.8	99.8
IV 600	88.7	91.2	92.4	93.8	95.3	95.8	97.0	98.4	98.7	99.4	99.7	99.7	99.8	99.9	99.9
IV 500	88.7	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.7	99.7	99.8	99.9	99.9
IV 400	88.7	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.7	99.7	99.8	99.9	99.9
IV 300	88.8	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.8	99.8	99.9	100.0	100.0
IV 200	88.8	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.8	99.8	99.9	100.0	100.0
IV 100	88.8	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.8	99.8	99.9	100.0	100.0
IV 0	88.8	91.2	92.4	93.8	95.3	95.8	97.1	98.5	98.7	99.5	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7460

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20310 HITCHKOPSE VT 0011 APT
STATION STATION NAME

37-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 18000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 16000	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 14000	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 10000	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 9000	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 6000	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 5000	84.1	84.4	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	90.3	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3500	94.1	94.4	94.7	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 3000	94.7	95.2	95.5	95.7	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	95.3	95.9	96.3	96.6	97.0	97.2	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	96.6	96.8	96.8	97.0	97.5	97.7	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	96.6	96.8	96.8	97.1	97.7	97.7	98.3	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.6	96.8	96.8	97.2	97.7	97.9	98.3	98.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	96.7	96.8	96.8	97.2	97.8	97.9	98.4	98.8	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6
IV 1000	96.7	96.8	96.8	97.2	97.8	97.9	98.4	98.8	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6
IV 900	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	96.7	96.8	96.8	97.3	97.8	97.9	98.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

7200

ATA PROVISIONAL DIVISION
USAF ETG
DATE 1 JUL 64

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME YEARS: 57-66 MONTH: 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 25000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 14000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 12000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 8000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 7000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 5000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 3000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20310 F1T-HORSE VT DUT APT

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.3	37.4	39.4	39.4	39.4	37.4	39.4	39.4	39.4	39.4	39.4	37.4	37.4	39.4	39.4	37.4
≥ 18000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 16000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

STATION 20310 ALT 10005 VT 011000

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.1	48.6	38.7	31.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 18000	65.0	45.6	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	45.4	46.2	46.1	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 14000	47.2	47.6	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 12000	51.9	52.6	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 10000	58.6	57.3	54.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 9000	64.0	63.3	62.2	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 8000	68.4	67.1	64.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000	70.6	71.3	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 6000	76.1	75.6	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
IV 5000	77.5	88.3	88.0	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	91.0	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000	94.6	94.8	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 3500	96.1	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 3000	97.2	98.2	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	97.7	98.7	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2000	97.9	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	98.0	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1600	98.0	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1400	98.1	99.1	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

7440

DATA PROCESSOR DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: WILLOW VILLAGE DATE: 57-65 YEARS: 11 MONTH: 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
IV 20000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 18000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.2
IV 16000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.2
IV 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.3
IV 12000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3
IV 10000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
IV 9000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.4
IV 8000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.3
IV 7000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	72.0
IV 6000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.6
IV 5000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.4
IV 4500	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.1
IV 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.5
IV 3500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6
IV 3000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.7
IV 2500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	97.0
IV 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.6
IV 1800	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	98.1
IV 1600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.5
IV 1400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.8
IV 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.1
IV 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2
IV 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.5
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6
IV 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.7
IV 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.8
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.9
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

ATA PROCESSING DIVISION
SAC, LTA
CITE: LATA 100-81697-340

CEILING VERSUS VISIBILITY

STATION ST. LOUIS, MO. STATION NAME ST. LOUIS, MO.

57-66

YEARS

— $\frac{2.74}{\text{MONTH}}$

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

— 10185 —

[illegible]TOTAL NUMBER OF OBSERVATIONS 7200

ATC PROVISION DIVISION
SAF ETAC
111 EAST 10TH AVE, PAC

CEILING VERSUS VISIBILITY

STATION NAME: MITCHELL AFB, SD

57-60

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
≥ 25000	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
20000	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
18000	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
16000	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
14000	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
12000	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
10000	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
9000	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
8000	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
7000	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6000	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
5000	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
4500	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4000	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
3500	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
3000	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2500	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2000	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1800	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1500	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1000	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
900	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
800	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
700	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
600	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
500	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
400	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
300	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
200	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
100	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS: 7427

ATMOSPHERIC DIVISION
 METEOROLOGICAL
 DIVISION

CEILING VERSUS VISIBILITY

STATION NAME
 WASHINGTON, D.C. MET. STATION

DATE
 12-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 20000	35.0	35.3	35.5	35.6	35.8	35.8	35.9	36.0	36.0	36.2	36.3	36.3	36.4	36.4	36.5	36.5
18000	40.2	40.7	40.9	41.1	41.3	41.4	41.5	41.6	41.6	41.7	41.7	41.8	41.8	41.9	42.0	42.0
16000	40.5	41.0	41.2	41.4	41.6	41.7	41.8	41.9	41.9	42.0	42.1	42.1	42.2	42.3	42.3	42.3
14000	42.9	43.3	43.6	43.8	44.1	44.1	44.2	44.3	44.3	44.4	44.5	44.5	44.6	44.7	44.7	44.7
12000	47.6	48.1	48.4	48.6	48.9	48.9	49.0	49.1	49.1	49.2	49.4	49.4	49.5	49.5	49.5	49.5
10000	52.4	52.9	53.3	53.5	53.8	53.8	54.0	54.1	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.5
9000	55.4	56.2	56.5	56.8	57.1	57.2	57.4	57.6	57.6	57.8	57.9	57.9	58.0	58.0	58.1	58.1
8000	57.6	58.8	59.2	59.4	59.9	59.9	60.2	60.4	60.4	60.5	60.7	60.7	60.8	60.8	60.9	60.9
7000	62.3	61.2	61.5	62.2	62.6	62.7	62.9	63.2	63.2	63.3	63.5	63.5	63.6	63.6	63.7	63.7
6000	61.3	62.3	62.6	63.3	63.4	63.8	64.1	64.3	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.8
5000	63.7	65.0	65.6	66.1	66.6	66.7	67.0	67.2	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7
4500	65.5	66.8	67.4	67.9	68.4	68.4	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.6	69.6	69.6
4000	67.4	69.0	69.8	70.3	71.0	71.1	71.4	71.7	71.7	71.9	72.1	72.1	72.2	72.2	72.3	72.3
3500	70.1	70.9	71.7	72.4	73.1	73.2	73.6	73.9	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.5
3000	72.9	72.9	73.8	74.6	75.4	75.6	76.0	76.3	76.4	76.6	76.8	76.8	76.9	76.9	77.0	77.0
2500	72.1	74.4	75.4	76.3	77.4	77.6	78.2	78.7	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.3
2000	74.6	77.6	78.1	79.2	80.6	80.9	81.6	82.2	82.3	82.7	82.9	82.9	83.0	83.0	83.1	83.1
1800	75.4	77.6	78.9	80.1	81.6	81.9	82.6	83.4	83.5	83.9	84.1	84.1	84.2	84.2	84.2	84.2
1500	76.0	79.6	80.7	82.1	83.6	84.0	84.8	85.7	85.8	86.4	86.7	86.7	86.8	86.8	86.8	86.8
1200	78.6	81.7	82.9	84.3	86.0	86.4	87.3	88.3	88.5	89.2	89.6	89.6	89.7	89.7	89.8	89.8
1000	79.9	82.9	84.1	85.6	87.3	87.7	88.7	89.8	89.9	90.8	91.3	91.3	91.4	91.4	91.5	91.5
900	80.7	83.7	85.0	86.4	88.2	88.6	89.5	90.6	90.8	91.7	92.2	92.2	92.3	92.4	92.4	92.4
800	81.3	84.4	85.7	87.2	89.0	89.4	90.4	91.5	91.7	92.6	93.2	93.2	93.3	93.3	93.4	93.4
700	81.9	85.0	86.3	87.8	89.6	90.0	91.0	92.2	92.4	93.3	93.8	93.8	93.9	94.0	94.0	94.0
600	82.7	86.0	87.3	88.8	90.6	91.0	92.0	93.2	93.4	94.3	94.9	94.9	95.1	95.1	95.1	95.1
500	83.4	86.9	88.3	89.9	91.7	92.2	93.2	94.3	94.6	95.5	96.1	96.1	96.3	96.3	96.4	96.4
400	83.9	87.6	89.0	90.6	92.6	93.0	94.1	95.3	95.5	96.5	97.0	97.1	97.3	97.3	97.4	97.4
300	84.2	88.0	89.5	91.2	93.2	93.6	94.9	96.1	96.3	97.3	97.9	98.0	98.2	98.2	98.3	98.3
200	84.2	88.1	89.8	91.6	93.6	94.1	95.3	96.6	96.8	98.0	98.7	98.7	98.9	99.0	99.1	99.1
100	84.2	88.2	89.8	91.7	93.8	94.3	95.6	96.9	97.1	98.3	99.0	99.1	99.4	99.4	99.7	99.7
0	84.2	88.2	89.8	91.7	93.8	94.3	95.6	96.9	97.1	98.3	99.1	99.1	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

CEILING VERSUS VISIBILITY

STATION _____

27-66

..90

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NOCE 1000	1000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
18000	18000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
14000	14000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
10000	10000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
8000	8000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
6000	6000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
4500	4500	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
3500	3500	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
3000	3000	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
2500	2500	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
1800	1800	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
1500	1500	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
1200	1200	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
900	900	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
800	800	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
700	700	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
600	600	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
500	500	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
400	400	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
300	300	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
200	200	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
100	100	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7
0	0	40.1	41.5	42.2	42.6	43.1	43.5	43.9	44.1	44.4	44.6	44.8	44.9	45.1	45.3	45.5	45.7

TOTAL NUMBER OF OBSERVATIONS

7645

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
≥ 1000	40.2	41.1	41.5	42.4	42.5	42.7	43.5	43.7	44.3	44.4	44.6	44.9	45.3	45.5	46.1	46.4
≥ 800	41.0	41.9	42.4	43.3	43.5	43.7	44.7	44.9	45.5	45.6	45.8	46.1	46.5	46.7	47.3	47.6
≥ 600	41.1	42.0	42.5	43.4	43.6	43.8	44.8	45.0	45.6	45.7	45.9	46.2	46.6	46.8	47.4	47.7
≥ 400	44.6	45.5	45.9	46.8	47.0	47.2	48.2	48.4	49.0	49.1	49.3	49.6	50.0	50.2	51.0	51.3
≥ 200	46.0	46.9	47.3	48.2	48.4	48.6	49.6	49.8	50.4	50.5	50.7	51.0	51.4	51.6	52.4	52.7
≥ 100	46.5	47.4	47.8	48.7	48.9	49.1	50.1	50.3	50.9	51.0	51.2	51.5	51.9	52.1	52.9	53.2
≥ 50	47.0	47.9	48.3	49.2	49.4	49.6	50.6	50.8	51.4	51.5	51.7	52.0	52.4	52.6	53.4	53.7
≥ 25	47.4	48.3	48.7	49.6	49.8	50.0	51.0	51.2	51.8	51.9	52.1	52.4	52.8	53.0	53.8	54.1
≥ 15	47.5	48.4	48.8	49.7	49.9	50.1	51.1	51.3	51.9	52.0	52.2	52.5	52.9	53.1	53.9	54.2
≥ 10	47.6	48.5	48.9	49.8	50.0	50.2	51.2	51.4	52.0	52.1	52.3	52.6	53.0	53.2	54.0	54.3
≥ 5	47.7	48.6	49.0	49.9	50.1	50.3	51.3	51.5	52.1	52.2	52.4	52.7	53.1	53.3	54.1	54.4
≥ 2.5	47.8	48.7	49.1	50.0	50.2	50.4	51.4	51.6	52.2	52.3	52.5	52.8	53.2	53.4	54.2	54.5
≥ 2	47.9	48.8	49.2	50.1	50.3	50.5	51.5	51.7	52.3	52.4	52.6	52.9	53.3	53.5	54.3	54.6
≥ 1.5	48.0	48.9	49.3	50.2	50.4	50.6	51.6	51.8	52.4	52.5	52.7	53.0	53.4	53.6	54.4	54.7
≥ 1	48.1	49.0	49.4	50.3	50.5	50.7	51.7	51.9	52.5	52.6	52.8	53.1	53.5	53.7	54.5	54.8
≥ 0.5	48.2	49.1	49.5	50.4	50.6	50.8	51.8	52.0	52.6	52.7	52.9	53.2	53.6	53.8	54.6	54.9
≥ 0.25	48.3	49.2	49.6	50.5	50.7	50.9	51.9	52.1	52.7	52.8	53.0	53.3	53.7	53.9	54.7	55.0
≥ 0.15	48.4	49.3	49.7	50.6	50.8	51.0	52.0	52.2	52.8	52.9	53.1	53.4	53.8	54.0	54.8	55.1
≥ 0.1	48.5	49.4	49.8	50.7	50.9	51.1	52.1	52.3	52.9	53.0	53.2	53.5	53.9	54.1	54.9	55.2
≥ 0.05	48.6	49.5	49.9	50.8	51.0	51.2	52.2	52.4	53.0	53.1	53.3	53.6	54.0	54.2	55.0	55.3
≥ 0.025	48.7	49.6	50.0	50.9	51.1	51.3	52.3	52.5	53.1	53.2	53.4	53.7	54.1	54.3	55.1	55.4
≥ 0.01	48.8	49.7	50.1	51.0	51.2	51.4	52.4	52.6	53.2	53.3	53.5	53.8	54.2	54.4	55.2	55.5
≥ 0.005	48.9	49.8	50.2	51.1	51.3	51.5	52.5	52.7	53.3	53.4	53.6	53.9	54.3	54.5	55.3	55.6
≥ 0.0025	49.0	49.9	50.3	51.2	51.4	51.6	52.6	52.8	53.4	53.5	53.7	54.0	54.4	54.6	55.4	55.7
≥ 0.001	49.1	50.0	50.4	51.3	51.5	51.7	52.7	52.9	53.5	53.6	53.8	54.1	54.5	54.7	55.5	55.8
≥ 0.0005	49.2	50.1	50.5	51.4	51.6	51.8	52.8	53.0	53.6	53.7	53.9	54.2	54.6	54.8	55.6	55.9
≥ 0.00025	49.3	50.2	50.6	51.5	51.7	51.9	52.9	53.1	53.7	53.8	54.0	54.3	54.7	54.9	55.7	56.0
≥ 0.0001	49.4	50.3	50.7	51.6	51.8	52.0	53.0	53.2	53.8	53.9	54.1	54.4	54.8	55.0	55.8	56.1
≥ 0.00005	49.5	50.4	50.8	51.7	51.9	52.1	53.1	53.3	53.9	54.0	54.2	54.5	54.9	55.1	55.9	56.2
≥ 0.000025	49.6	50.5	50.9	51.8	52.0	52.2	53.2	53.4	54.0	54.1	54.3	54.6	55.0	55.2	56.0	56.3
≥ 0.00001	49.7	50.6	51.0	51.9	52.1	52.3	53.3	53.5	54.1	54.2	54.4	54.7	55.1	55.3	56.1	56.4
≥ 0.000005	49.8	50.7	51.1	52.0	52.2	52.4	53.4	53.6	54.2	54.3	54.5	54.8	55.2	55.4	56.2	56.5
≥ 0.0000025	49.9	50.8	51.2	52.1	52.3	52.5	53.5	53.7	54.3	54.4	54.6	54.9	55.3	55.5	56.3	56.6
≥ 0.000001	50.0	50.9	51.3	52.2	52.4	52.6	53.6	53.8	54.4	54.5	54.7	55.0	55.4	55.6	56.4	56.7
≥ 0.0000005	50.1	51.0	51.4	52.3	52.5	52.7	53.7	53.9	54.5	54.6	54.8	55.1	55.5	55.7	56.5	56.8
≥ 0.00000025	50.2	51.1	51.5	52.4	52.6	52.8	53.8	54.0	54.6	54.7	54.9	55.2	55.6	55.8	56.6	56.9
≥ 0.0000001	50.3	51.2	51.6	52.5	52.7	52.9	53.9	54.1	54.7	54.8	55.0	55.3	55.7	55.9	56.7	57.0
≥ 0.00000005	50.4	51.3	51.7	52.6	52.8	53.0	54.0	54.2	54.8	54.9	55.1	55.4	55.8	56.0	56.8	57.1
≥ 0.000000025	50.5	51.4	51.8	52.7	52.9	53.1	54.1	54.3	54.9	55.0	55.2	55.5	55.9	56.1	56.9	57.2
≥ 0.00000001	50.6	51.5	51.9	52.8	53.0	53.2	54.2	54.4	55.0	55.1	55.3	55.6	56.0	56.2	57.0	57.3
≥ 0.000000005	50.7	51.6	52.0	52.9	53.1	53.3	54.3	54.5	55.1	55.2	55.4	55.7	56.1	56.3	57.1	57.4
≥ 0.0000000025	50.8	51.7	52.1	53.0	53.2	53.4	54.4	54.6	55.2	55.3	55.5	55.8	56.2	56.4	57.2	57.5
≥ 0.000000001	50.9	51.8	52.2	53.1	53.3	53.5	54.5	54.7	55.3	55.4	55.6	55.9	56.3	56.5	57.3	57.6
≥ 0.0000000005	51.0	51.9	52.3	53.2	53.4	53.6	54.6	54.8	55.4	55.5	55.7	56.0	56.4	56.6	57.4	57.7
≥ 0.00000000025	51.1	52.0	52.4	53.3	53.5	53.7	54.7	54.9	55.5	55.6	55.8	56.1	56.5	56.7	57.5	57.8
≥ 0.0000000001	51.2	52.1	52.5	53.4	53.6	53.8	54.8	55.0	55.6	55.7	55.9	56.2	56.6	56.8	57.6	57.9
≥ 0.00000000005	51.3	52.2	52.6	53.5	53.7	53.9	54.9	55.1	55.7	55.8	56.0	56.3	56.7	56.9	57.7	58.0
≥ 0.000000000025	51.4	52.3	52.7	53.6	53.8	54.0	55.0	55.2	55.8	55.9	56.1	56.4	56.8	57.0	57.8	58.1
≥ 0.00000000001	51.5	52.4	52.8	53.7	53.9	54.1	55.1	55.3	55.9	56.0	56.2	56.5	56.9	57.1	57.9	58.2
≥ 0.000000000005	51.6	52.5	52.9	53.8	54.0	54.2	55.2	55.4	56.0	56.1	56.3	56.6	57.0	57.2	58.0	58.3
≥ 0.0000000000025	51.7	52.6	53.0	53.9	54.1	54.3	55.3	55.5	56.1	56.2	56.4	56.7	57.1	57.3	58.1	58.4
≥ 0.000000000001	51.8	52.7	53.1	54.0	54.2	54.4	55.4	55.6	56.2	56.3	56.5	56.8	57.2	57.4	58.2	58.5
≥ 0.0000000000005	51.9	52.8	53.2	54.1	54.3	54.5	55.5	55.7	56.3	56.4	56.6	56.9	57.3	57.5	58.3	58.6
≥ 0.00000000000025	52.0	52.9	53.3	54.2	54.4	54.6	55.6	55.8	56.4	56.5	56.7	57.0	57.4	57.6	58.4	58.7
≥ 0.0000000000001	52.1	53.0	53.4	54.3	54.5	54.7	55.7	55.9	56.5	56.6	56.8	57.1	57.5	57.7	58.5	58.8
≥ 0.00000000000005	52.2	53.1	53.5	54.4	54.6	54.8	55.8	56.0	56.6	56.7	56.9	57.2	57.6	57.8	58.6	58.9
≥ 0.000000000000025	52.3	53.2	53.6	54.5	54.7	54.9	55.9	56.1	56.7	56.8	57.0	57.3	57.7	57.9	58.7	59.0
≥ 0.00000000000001	52.4	53.3	53.7	54.6	54.8	55.0	56.0	56.2	56.8	56.9	57.1	57.4	57.8	58.0	58.8	59.1
≥ 0.000000000000005	52.5	53.4	53.8	54.7	54.9	55.1	56.1	56.3	56.9	57.0	57.2	57.5	57.9	58.1	58.9	59.2
≥ 0.0000000000000025	52.6	53.5	53.9	54.8	55.0	55.2	56.2	56.4	57.0	57.1	57.3	57.6	58.0	58.2	59.0	59.3
≥ 0.000000000000001	52.7	53.6	54.0	54.9	55.1	55.3	56.3	56.5	57.1	57.2	57.4	57.7	58.1	58.3	59.1	59.4
≥ 0.0000000000000005	52.8	53.7	54.1	55.0	55.2	55.4	56.4	56.6	57.2	57.3	57.5	57.8	58.2	58.4	59.2	59.5
≥ 0.00000000000000025	52.9	53.8	54.2	55.1	55.3	55.5	56.5	56.7	57.3	57.4	57.6	57.9	58.3	58.5	59.3	59.6
≥ 0.0000000000000001	53.0	53.9	54.3	55.2	55.4	55.6	56.6	56.8	57.4	57.5	57.7	58.0	58.4	58.6	59.4	59.7
≥ 0.00000000000000005	53.1	54.0	54.4	55.3	55.5	55.7	56.7	56.9	57.5	57.6	57.8	58.1	58.5	58.7	59.5	59.8
≥ 0.000000000000000025	53.2	54.1	54.5	55.4	55.6	55.8	56.8	57.0	57.6	57.7	57.9	58.2	58.6	58.8	59.6	59.9
≥ 0.00000000000000001	53.3	54.2	54.6	55.5	55.7	55.9	56.9	57.1	57.7	57.8	58.0	58.3	58.7	58.9	59.7	60.0
≥ 0.000000000000000005	53.4	54.3	54.7	55.6	55.8	56.0	57.0	57.2	57.8	57.9	58.1	58.4	58.8	59.0	59.8	60.1
≥ 0.0000000000000000025	53.5	54.4	54.8	55.7	55.9	56.1	57.1	57.3	57.9	58.0	58.2	58.5	58.9	59.1	59.9	60.2
≥ 0.000000000000000001	53.6	54.5	54.9	55.8	56.0	56.2	57.2	57.4	58.0	58.1	58.3	58.6	59.0	59.2	60.0	60.3
≥ 0.0000000000000000005	53.7	54.6	55.0	55.9	56.1	56.3	57.3	57.5	58.1	58.2	58.4	58.7	59.1	59.3	60.1	60.4
≥ 0.00000000000000000025	53.8	54.7</														

CEILING VERSUS VISIBILITY

DATE: 11/11/51 BY: J. J. [illegible]

27-68

YEARS

1401-

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~C-00-0500~~

[illegible]

TOTAL NUMBER OF OBSERVATIONS

437

ATLANTA, GEORGIA
 1967
 10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION NAME: ATLANTA, GEORGIA DATE: 10-14-5 (OL 1) YEAR: 1967 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0000
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	30.6	31.1	30.8	39.7	40.3	41.6	41.0	42.1	42.0	43.0	44.6	44.3	43.3	43.4	45.7	46.4
≥ 2000	30.6	31.1	30.8	39.7	40.3	41.6	41.0	42.1	42.0	43.0	44.6	44.3	43.3	43.4	45.7	46.4
18000	42.4	43.0	43.3	44.2	45.1	45.2	46.4	46.6	46.6	47.3	49.2	49.2	49.9	49.9	50.4	51.1
16000	42.2	43.1	43.9	44.3	45.2	45.3	46.2	46.7	46.7	47.4	49.4	49.4	50.0	50.0	50.9	51.2
14000	43.1	43.8	44.1	44.9	45.8	45.9	46.9	47.5	47.3	48.3	50.0	50.0	50.6	50.6	51.1	51.3
12000	47.4	48.2	48.5	49.4	50.2	50.3	51.3	51.7	51.7	52.7	54.4	54.4	55.1	55.1	55.5	56.2
10000	52.5	53.7	54.2	55.1	56.0	56.1	57.1	57.4	57.6	58.7	60.4	60.4	61.1	61.1	61.9	62.7
9000	56.6	57.4	58.1	58.9	59.7	60.1	61.1	61.6	61.6	62.7	64.4	64.4	65.1	65.1	65.7	66.2
8000	63.1	62.1	60.0	61.0	61.9	62.7	63.1	63.7	63.7	64.7	66.5	66.5	67.1	67.1	67.8	68.3
7000	60.2	61.3	62.3	63.4	64.5	64.6	65.9	66.3	66.5	67.5	69.2	69.2	69.9	69.9	70.3	71.1
6000	60.9	61.9	62.9	64.1	65.2	65.3	66.6	67.3	67.1	68.2	69.9	69.9	70.5	70.5	71.0	71.7
5000	63.9	65.4	66.7	68.0	69.3	69.3	70.5	71.1	71.1	72.2	73.9	73.9	74.5	74.5	74.9	75.7
4500	65.1	66.7	68.0	69.6	70.8	71.0	72.4	72.7	72.9	74.0	75.7	75.7	76.3	76.3	76.8	77.3
4000	70.0	68.8	70.3	72.3	73.4	73.6	75.2	75.7	75.7	76.8	78.5	78.5	79.1	79.1	79.5	80.3
3500	67.6	69.2	71.0	73.1	74.3	74.6	76.1	76.7	76.7	77.7	79.3	79.3	80.1	80.1	80.3	81.3
3000	69.2	71.4	72.9	75.2	76.3	76.7	78.3	78.8	78.8	79.9	81.6	81.6	82.3	82.3	82.7	83.4
2500	72.2	74.2	75.9	78.4	80.0	80.4	82.3	82.8	82.8	83.9	85.6	85.6	86.2	86.2	86.7	87.4
2000	73.4	75.7	77.3	79.9	81.6	82.3	84.2	84.8	84.8	85.9	87.6	87.6	88.3	88.3	88.7	89.5
1800	74.3	76.6	78.2	80.8	82.5	83.1	85.1	85.7	85.7	86.8	88.5	88.5	89.1	89.1	89.6	90.3
1500	74.4	76.7	78.3	80.9	82.5	83.2	85.2	85.8	85.8	86.9	88.6	88.6	89.3	89.3	89.7	90.5
1200	74.8	77.1	78.7	81.3	83.2	83.9	85.9	86.5	86.5	87.6	89.3	89.3	90.0	90.0	90.4	91.2
1000	75.5	78.2	79.8	82.5	84.4	85.1	87.1	87.7	87.7	88.8	90.5	90.5	91.2	91.2	91.6	92.4
900	76.1	78.4	80.0	82.8	84.6	85.3	87.3	87.9	87.9	89.0	90.7	90.7	91.4	91.4	91.8	92.6
800	76.6	78.6	80.4	83.2	85.1	85.7	87.7	88.2	88.2	89.3	91.0	91.0	91.7	91.7	92.1	92.9
700	77.1	79.4	81.0	83.8	85.6	86.2	88.2	88.7	88.7	89.8	91.5	91.5	92.2	92.2	92.6	93.4
600	77.5	79.8	81.4	84.2	86.0	86.7	88.7	89.2	89.2	90.3	92.0	92.0	92.7	92.7	93.1	93.9
500	78.0	80.2	81.8	84.6	86.3	87.1	89.1	89.7	89.7	90.8	92.5	92.5	93.2	93.2	93.6	94.4
400	78.4	80.6	82.4	85.3	87.1	87.7	89.7	90.3	91.2	91.2	93.1	93.1	93.8	93.8	94.2	95.0
300	78.6	80.9	82.6	85.5	87.5	88.2	90.2	90.8	91.6	91.6	93.7	93.7	94.4	94.4	94.8	95.6
200	78.9	81.3	83.0	85.9	88.2	88.8	90.8	91.3	92.3	92.3	94.5	94.5	95.2	95.2	95.6	96.4
100	78.9	81.3	83.0	85.9	88.2	88.8	90.8	91.3	92.3	92.3	94.5	94.5	95.2	95.2	95.6	96.4
0	78.9	81.3	83.0	85.9	88.2	88.8	90.8	91.3	92.3	92.3	94.5	94.5	95.2	95.2	95.6	96.4

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING DIVISION
 AFM LTA
 AFM HEADQUARTERS WPC/AFAC

CEILING VERSUS VISIBILITY

STATION NAME WIT COURSE VT UNIT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/8	≥ 1/4
NO CEILING	33.5	44.3	34.0	35.1	35.0	35.7	36.0	36.5	36.7	37.4	38.1	31.0	44.7	37.7	40.1
IV 20000	33.5	41.5	41.7	42.4	43.3	43.1	44.2	43.0	44.1	44.9	45.0	43.7	46.2	45.6	47.1
IV 18000	30.8	41.7	42.2	42.0	43.3	43.3	43.0	44.1	44.3	45.2	45.0	45.0	46.5	46.7	48.1
IV 16000	41.1	42.0	42.5	42.0	43.7	43.7	44.1	44.4	44.6	45.5	46.3	46.2	46.8	47.1	48.4
IV 14000	44.0	45.8	46.2	46.7	47.4	47.4	47.8	48.2	48.4	49.2	49.7	50.0	50.5	50.7	52.2
IV 12000	45.9	50.0	50.8	51.5	52.2	52.2	52.0	52.0	53.1	54.0	54.6	54.7	55.4	55.5	56.9
IV 10000	54.0	55.9	56.8	57.5	58.4	58.4	59.1	59.0	59.8	60.9	61.5	61.6	62.2	62.0	63.0
IV 9000	54.2	59.6	60.4	61.4	62.4	62.4	63.2	63.7	63.9	64.9	65.6	65.7	66.2	66.0	67.0
IV 8000	60.4	62.0	62.9	64.1	65.2	65.7	66.0	66.6	66.8	67.8	68.5	68.5	69.1	69.5	70.3
IV 7000	61.5	63.1	64.0	65.4	66.5	66.6	67.0	68.3	68.5	69.6	70.2	70.3	70.9	71.2	72.2
IV 6000	61.9	63.5	64.4	65.8	66.9	67.0	68.1	69.7	69.9	70.0	70.6	70.7	71.4	71.7	73.0
IV 5000	64.0	65.8	66.7	68.2	69.2	69.4	70.4	71.2	71.4	72.3	73.2	73.4	74.0	74.3	75.9
IV 4500	65.4	67.7	68.6	70.3	71.4	71.5	72.1	73.4	73.7	74.7	75.5	75.7	76.2	76.6	77.9
IV 4000	70.0	69.9	70.8	72.6	73.7	73.9	75.0	75.9	76.1	77.2	78.0	78.2	78.7	79.0	81.4
IV 3500	79.1	71.3	72.3	74.2	75.4	75.6	76.9	77.6	77.8	78.9	79.7	79.7	80.4	80.8	83.3
IV 3000	71.0	73.2	74.2	76.3	77.7	78.0	79.5	80.2	80.4	81.8	82.6	82.7	83.4	83.8	86.3
IV 2500	72.4	74.7	75.8	78.0	79.4	79.8	81.3	82.7	82.8	83.8	84.5	84.5	85.4	85.7	88.3
IV 2000	73.9	76.3	77.5	79.8	81.2	81.4	83.3	84.3	84.5	86.0	86.8	87.1	87.6	88.0	90.2
IV 1800	74.4	76.9	78.1	81.3	81.7	82.5	84.0	84.9	85.2	86.7	87.4	87.4	88.4	88.7	90.9
IV 1500	74.5	77.3	78.5	82.0	82.3	83.0	84.9	85.5	85.7	87.4	88.4	88.7	89.2	89.6	92.2
IV 1200	75.6	78.4	79.6	81.8	83.3	84.3	86.0	87.1	87.3	89.2	90.3	90.6	91.2	91.5	94.1
IV 1000	75.0	78.8	80.0	82.5	84.0	85.1	86.8	88.1	88.3	90.4	91.6	91.9	92.5	92.8	95.4
IV 900	76.6	79.4	80.5	83.0	84.5	85.6	87.3	88.5	88.8	91.0	92.2	92.5	93.0	93.3	96.0
IV 800	76.7	79.5	80.6	83.1	84.6	85.7	87.4	88.7	88.9	91.1	92.3	92.5	93.1	93.4	96.7
IV 700	77.1	80.1	81.3	83.8	85.3	86.3	88.2	89.5	89.7	91.8	93.0	93.3	93.9	94.2	97.9
IV 600	77.3	80.3	81.5	84.0	85.5	86.6	88.4	89.7	89.9	92.0	93.2	93.5	94.1	94.4	98.2
IV 500	77.6	80.8	81.9	84.4	86.0	87.1	89.1	90.5	90.8	92.9	94.1	94.4	95.1	95.4	99.0
IV 400	77.8	81.0	82.2	84.6	86.2	87.3	89.4	90.9	91.1	93.3	94.5	94.8	95.5	95.8	99.6
IV 300	78.2	81.5	82.6	85.1	86.9	88.0	90.2	91.7	91.9	94.2	95.4	95.7	96.5	96.8	100.0
IV 200	78.2	81.5	82.8	85.3	86.9	88.0	90.2	91.7	92.2	94.4	95.6	95.9	96.7	97.0	99.9
IV 100	78.2	81.5	82.8	85.3	86.9	88.0	90.2	91.7	92.2	94.4	95.6	95.9	96.7	97.0	99.9
IV 0	78.2	81.5	82.8	85.3	86.9	88.0	90.2	91.7	92.2	94.4	95.6	95.9	96.7	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
 USAF ETAC
 1000 E. 10TH AVE.

CEILING VERSUS VISIBILITY

STATION NAME WILLIAMS FIELD STATION NUMBER 57000

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-1:00
 1:00-1:00

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0
NO CEILING	35.3	45.3	30.7	37.1	37.0	37.7	38.1	38.2	40.3	39.1	37.5	39.1	39.9	40.1	40.2	41.3
IV 20000	41.9	44.8	42.4	45.1	47.0	47.2	47.0	47.7	47.8	48.8	49.1	49.1	49.0	47.8	49.9	50.9
IV 18000	44.0	44.6	45.5	46.3	47.2	47.4	47.0	47.7	48.1	49.0	49.4	49.4	49.0	50.0	50.2	51.3
IV 16000	44.0	44.9	45.5	46.3	47.2	47.4	47.0	47.7	48.1	49.0	49.4	49.4	49.0	50.0	50.2	51.2
IV 14000	47.5	48.5	49.0	49.9	50.0	51.0	51.4	51.5	51.6	52.6	52.9	52.9	53.3	53.5	53.8	54.7
IV 12000	52.9	54.3	55.2	56.3	57.3	57.5	58.0	58.1	58.2	59.1	59.5	59.5	59.9	60.1	60.4	61.3
IV 10000	56.4	60.0	61.0	62.4	63.4	63.9	64.4	64.5	64.6	65.6	65.9	65.9	66.3	66.6	66.9	67.9
IV 9000	61.8	63.4	64.5	66.0	67.1	67.5	68.1	68.1	68.4	69.5	69.8	69.8	70.3	70.5	70.9	71.8
IV 8000	64.1	65.7	66.8	68.4	69.6	70.0	70.6	70.9	71.1	72.3	72.6	72.6	73.1	73.3	73.7	74.4
IV 7000	64.9	66.6	67.6	69.4	70.3	71.2	71.9	72.3	72.5	73.7	74.0	74.0	74.5	74.7	75.1	76.0
IV 6000	65.2	66.8	67.8	69.6	71.0	71.4	72.2	72.5	72.7	73.9	74.2	74.2	74.7	74.9	75.3	76.2
IV 5000	67.4	69.0	70.2	71.9	73.4	73.9	74.6	75.1	75.3	76.5	76.8	76.8	77.3	77.5	77.8	78.7
IV 4500	68.9	70.5	71.7	73.5	75.1	75.5	76.4	76.8	77.0	78.2	78.5	78.5	79.0	79.2	79.6	80.5
IV 4000	71.0	72.9	74.1	76.2	77.8	78.4	79.2	79.8	80.0	81.2	81.5	81.5	82.0	82.3	82.6	83.7
IV 3500	72.9	75.1	76.3	78.5	80.3	81.0	81.9	82.5	82.7	83.9	84.2	84.2	84.7	84.9	85.3	86.3
IV 3000	74.9	77.2	78.7	81.1	83.0	83.8	84.7	85.6	85.8	87.1	87.3	87.3	88.0	88.2	88.7	89.4
IV 2500	76.3	78.6	80.1	82.6	84.7	85.5	86.5	87.4	87.6	89.1	89.5	89.5	90.0	90.2	90.5	91.6
IV 2000	77.4	79.9	81.4	84.0	86.1	86.9	87.8	88.9	89.2	91.0	91.4	91.4	91.9	92.2	92.5	93.5
IV 1800	77.5	80.0	81.5	84.3	86.5	87.2	88.2	89.2	89.6	91.3	91.7	91.7	92.3	92.5	92.8	93.9
IV 1500	78.5	81.0	82.6	85.3	87.4	88.2	89.1	90.2	90.5	92.4	92.8	92.8	93.3	93.5	93.9	94.9
IV 1200	79.6	82.3	84.0	86.7	88.8	89.7	90.8	92.2	92.5	94.3	94.7	94.7	95.4	95.6	95.9	97.0
IV 1000	79.8	82.6	84.3	87.0	89.4	90.2	91.3	92.7	93.0	94.8	95.4	95.4	96.0	96.2	96.6	97.6
IV 900	80.1	82.8	84.5	87.3	89.7	90.5	91.6	93.0	93.3	95.2	95.9	95.9	96.6	96.8	97.1	98.2
IV 800	80.2	83.1	84.8	87.5	89.9	90.8	91.8	93.2	93.5	95.4	96.1	96.1	96.8	97.0	97.3	98.4
IV 700	80.5	83.4	85.2	87.8	90.2	91.1	92.2	93.5	93.9	95.7	96.5	96.5	97.1	97.3	97.6	98.7
IV 600	80.6	83.5	85.3	88.0	90.3	91.2	92.3	93.7	94.0	95.9	96.7	96.7	97.3	97.5	97.8	98.9
IV 500	81.1	84.0	85.7	88.4	90.9	91.8	92.9	94.3	94.6	96.6	97.3	97.4	98.1	98.3	98.6	99.7
IV 400	81.2	84.1	85.8	88.5	91.0	91.9	93.0	94.4	94.7	96.7	97.4	97.5	98.2	98.4	98.7	99.8
IV 300	81.3	84.2	85.9	88.6	91.1	92.0	93.1	94.5	94.8	96.8	97.5	97.6	98.3	98.5	98.8	100.0
IV 250	81.3	84.2	85.9	88.6	91.1	92.0	93.1	94.5	94.8	96.8	97.5	97.6	98.3	98.5	98.8	100.0
IV 100	81.3	84.2	85.9	88.6	91.1	92.0	93.1	94.5	94.8	96.8	97.5	97.6	98.3	98.5	98.8	100.0
IV 0	81.3	84.2	85.9	88.6	91.1	92.0	93.1	94.5	94.8	96.8	97.5	97.6	98.3	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

940

ATA PROTEST DIVISION
SAR LTAV
STATION NAME

CEILING VERSUS VISIBILITY

STATION NAME

27-66

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-10-17-00
1 HOUR (H)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.5	43.7	39.0	30.4	39.0	39.8	40.4	40.5	40.5	40.6	41.1	41.2	41.5	41.6	41.5	47.2
IV 18000	44.4	43.7	40.2	40.7	40.9	47.1	47.7	47.8	47.8	48.0	48.4	48.5	48.8	49.0	49.2	49.5
IV 16000	44.4	43.7	40.7	47.1	47.3	47.5	48.0	48.3	48.3	48.4	48.8	48.9	49.2	49.5	49.7	50.0
IV 14000	47.7	49.0	49.0	50.0	50.2	50.4	51.1	51.2	51.2	51.3	51.7	51.8	52.2	52.4	52.6	52.7
IV 12000	52.0	53.7	54.3	54.8	55.2	55.4	56.0	56.2	56.2	56.3	56.8	56.8	57.2	57.4	57.6	58.0
IV 10000	53.1	59.5	60.3	61.1	61.3	61.7	62.6	62.9	62.9	63.0	63.4	63.5	63.9	64.1	64.3	64.4
IV 9000	61.0	62.4	63.5	64.5	65.1	65.7	66.7	67.3	67.0	67.1	67.5	67.6	68.0	68.2	68.4	68.7
IV 8000	63.4	65.2	66.3	67.5	68.6	69.1	70.2	70.5	70.5	70.5	71.1	71.2	71.5	71.7	71.9	72.3
IV 7000	64.2	66.3	67.5	68.7	69.9	70.4	71.5	72.2	72.2	72.3	72.8	72.9	73.2	73.4	73.7	74.0
IV 6000	64.8	66.7	67.8	69.0	70.2	70.9	72.0	72.7	72.7	72.8	73.5	73.7	74.0	74.2	74.4	74.7
IV 5000	67.0	68.8	70.0	71.2	72.4	73.0	74.0	74.6	74.6	74.8	74.9	75.7	75.8	76.1	76.3	76.9
IV 4500	67.0	69.5	70.0	71.8	73.0	73.7	74.6	75.5	75.5	75.6	76.3	76.4	76.8	77.0	77.2	77.5
IV 4000	70.4	72.4	73.5	74.7	75.9	76.8	78.1	78.5	78.8	78.9	79.7	79.8	80.1	80.3	80.5	80.9
IV 3500	72.3	74.8	76.0	78.0	79.5	80.4	81.8	82.6	82.6	82.7	83.4	83.5	83.9	84.1	84.3	84.6
IV 3000	74.4	77.2	78.9	80.6	82.5	83.7	85.2	85.0	86.0	86.1	86.9	87.0	87.3	87.5	87.7	88.1
IV 2500	76.3	79.4	81.1	82.9	84.7	85.9	87.5	88.6	88.7	88.9	89.7	89.8	90.1	90.3	90.5	91.0
IV 2000	77.7	81.0	82.8	84.7	86.6	87.7	89.7	90.8	90.9	91.1	91.9	92.0	92.4	92.6	92.8	93.2
IV 1800	78.1	81.3	83.1	85.1	86.9	88.1	90.0	91.1	91.2	91.4	92.3	92.4	92.7	92.9	93.1	93.5
IV 1500	79.1	82.4	84.2	86.1	88.1	89.1	91.2	92.3	92.3	92.7	93.8	93.9	94.2	94.4	94.6	95.1
IV 1200	80.3	83.8	85.6	87.5	89.4	90.5	92.6	93.7	93.9	94.1	95.3	95.4	95.8	96.0	96.2	96.7
IV 1000	80.6	84.4	86.2	88.3	90.1	91.3	93.3	94.6	94.8	95.3	96.5	96.6	97.0	97.2	97.4	97.7
IV 900	80.8	84.5	86.3	88.4	90.2	91.4	93.4	94.7	94.9	95.4	96.6	96.7	97.1	97.3	97.5	98.0
IV 800	80.9	84.6	86.5	88.5	90.3	91.5	93.5	94.8	95.1	95.5	96.7	96.8	97.2	97.4	97.6	98.1
IV 700	80.9	84.6	86.5	88.5	90.3	91.5	93.5	94.8	95.1	95.5	96.7	96.8	97.2	97.4	97.6	98.1
IV 600	81.4	85.2	87.0	89.0	90.9	92.0	94.1	95.4	95.6	96.0	97.2	97.4	97.8	98.1	98.3	98.7
IV 500	81.7	85.6	87.4	89.5	91.5	92.7	94.7	96.0	96.2	96.7	97.8	98.1	98.5	98.7	98.9	99.4
IV 400	81.8	85.7	87.5	89.6	91.6	92.8	94.8	96.1	96.3	96.8	98.0	98.3	98.7	98.9	99.1	99.6
IV 300	81.9	85.8	87.6	89.7	91.7	92.9	94.9	96.2	96.5	96.9	98.1	98.4	98.8	99.1	99.3	99.7
IV 200	81.9	85.8	87.6	89.7	91.7	92.9	94.9	96.2	96.5	97.0	98.2	98.5	98.9	99.2	99.5	99.9
IV 100	81.9	85.8	87.6	89.7	91.7	92.9	94.9	96.2	96.5	97.0	98.2	98.5	98.9	99.2	99.5	99.9
IV 0	81.9	85.8	87.6	89.7	91.7	92.9	94.9	96.2	96.5	97.0	98.2	98.5	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

240

1
2ATA PRESSION DIVISION
SAC ETAC
AIR EATER E NICH/ NO

CEILING VERSUS VISIBILITY

2025 17-06
STATION NAME

17-06

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1-00-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	43.5	44.1	44.7	44.9	44.9	45.3	46.5	46.5	47.4	48.2	48.4	48.3	48.3	48.5	48.3
≥ 20000	43.7	47.0	47.5	48.2	48.4	48.4	48.9	49.3	49.9	50.9	51.7	51.8	51.8	51.8	52.0	52.4
IN V 18000	45.7	47.0	47.5	48.2	48.4	48.4	48.9	49.3	49.9	50.9	51.7	51.8	51.8	51.8	52.0	52.4
IN V 16000	45.9	47.1	47.6	48.3	48.5	48.5	49.0	50.0	50.0	51.0	51.8	51.9	51.9	51.9	52.2	52.5
IN V 14000	47.0	48.3	48.8	49.4	49.8	49.8	50.3	51.3	51.3	52.3	53.1	53.2	53.2	53.2	53.4	53.8
IN V 12000	49.5	50.9	51.6	52.3	52.5	52.5	53.0	54.0	54.0	54.9	55.3	55.3	55.3	55.3	56.1	56.5
IN V 10000	54.5	56.3	57.1	58.2	58.5	58.5	59.4	60.3	60.3	61.3	62.4	62.4	62.4	62.4	62.7	64.0
IN V 9000	56.6	58.7	59.6	60.8	61.2	61.2	62.4	63.3	63.3	64.5	65.4	65.4	65.4	65.4	65.7	66.0
IN V 8000	58.5	60.9	61.8	63.0	64.0	64.0	64.9	65.3	65.3	67.1	68.0	68.1	68.1	68.1	68.3	68.8
IN V 7000	60.9	63.7	64.7	66.3	67.3	67.3	68.3	69.4	69.4	70.6	71.3	71.6	71.6	71.6	71.9	72.2
IN V 6000	61.4	64.7	65.9	67.5	68.5	68.5	69.3	70.3	70.6	71.8	72.7	72.7	72.7	72.7	73.0	73.4
IN V 5000	64.5	67.8	69.1	70.3	71.7	71.7	72.7	73.9	73.9	75.1	75.9	76.3	76.3	76.3	76.4	76.6
IN V 4500	66.1	69.6	70.9	72.9	73.9	73.9	74.8	76.0	76.1	77.3	78.2	78.3	78.3	78.3	78.5	78.8
IN V 4000	7.7	71.2	72.5	74.5	75.5	75.5	76.5	77.6	77.7	78.9	79.8	79.8	79.8	79.8	80.1	80.4
IN V 3500	79.1	73.0	74.3	76.5	77.4	77.4	78.4	79.4	79.7	80.9	81.7	81.8	81.8	81.8	82.0	82.4
IN V 3000	71.0	75.1	77.6	80.0	81.2	81.2	82.3	83.4	83.5	84.7	85.6	85.7	85.7	85.7	85.9	86.2
IN V 2500	74.0	78.4	79.9	82.5	83.8	83.9	85.2	86.7	86.9	88.1	88.9	89.0	89.0	89.0	89.2	89.6
IN V 2000	72.2	75.9	81.4	84.2	85.5	85.7	87.1	88.7	88.9	90.1	91.0	91.1	91.1	91.1	91.2	91.5
IN V 1800	75.8	80.5	82.3	84.8	86.1	86.3	87.7	89.5	89.7	90.9	91.7	91.8	91.8	91.8	92.0	92.4
IN V 1500	76.2	81.2	82.7	85.6	86.9	87.1	88.6	90.8	91.1	92.7	93.5	93.7	93.7	93.7	93.9	94.2
IN V 1200	76.5	81.4	82.9	85.8	87.1	87.3	88.8	91.4	91.7	93.3	94.2	94.3	94.3	94.3	94.4	94.7
IN V 1000	78.1	83.2	84.7	87.6	88.7	89.1	90.8	93.4	93.8	95.4	96.2	96.3	96.3	96.3	96.6	96.7
IN V 900	78.4	83.5	85.1	88.0	89.2	89.5	91.1	93.8	94.1	95.7	96.6	96.7	96.7	96.7	96.9	97.2
IN V 800	79.0	84.2	85.7	88.6	89.9	90.1	91.7	94.4	94.7	96.3	97.2	97.3	97.3	97.3	97.5	97.8
IN V 700	79.4	84.5	86.0	88.9	90.2	90.4	92.0	94.7	95.1	96.7	97.5	97.6	97.6	97.6	97.8	98.3
IN V 600	79.5	84.7	86.2	89.1	90.5	90.8	92.4	95.1	95.4	97.0	97.8	98.0	98.0	98.0	98.2	98.5
IN V 500	79.6	84.8	86.3	89.2	90.6	90.9	92.5	95.2	95.5	97.1	98.0	98.1	98.1	98.1	98.3	98.8
IN V 400	79.7	84.9	86.5	89.4	90.8	91.0	92.7	95.4	95.7	97.3	98.2	98.3	98.3	98.3	98.5	98.9
IN V 300	79.9	85.2	86.7	89.6	91.0	91.2	92.9	95.6	95.9	97.5	98.4	98.5	98.5	98.5	98.7	99.0
IN V 200	79.9	85.5	87.1	90.0	91.4	91.6	93.3	96.0	96.3	98.2	99.0	99.1	99.1	99.1	99.4	99.7
IN V 100	79.9	85.5	87.1	90.0	91.4	91.6	93.3	96.0	96.3	98.2	99.0	99.1	99.1	99.1	99.4	99.7
IN V 0	79.9	85.5	87.1	90.0	91.4	91.6	93.3	96.0	96.3	98.2	99.0	99.1	99.1	99.1	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION 62-15 WILKINSON FIELD APT
STATION NAME

27-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	44.4	45.1	45.8	46.3	46.8	46.9	47.5	47.5	48.2	48.6	48.8	49.5	49.9	49.9	50.1
≥ 20000	46.9	47.3	48.0	48.7	49.2	49.4	49.9	50.4	50.4	51.1	51.5	51.5	52.4	52.4	52.7	53.0
IV 18000	47.0	47.4	48.1	48.8	49.4	49.5	49.9	50.5	50.5	51.2	51.6	51.6	52.5	52.5	52.8	53.1
IV 16000	47.2	47.5	48.2	48.9	49.5	49.5	50.0	50.7	50.8	51.4	51.8	51.8	52.7	52.7	53.0	53.3
IV 14000	49.2	49.7	50.3	51.1	51.6	51.7	52.2	52.9	52.9	53.5	54.0	54.1	54.8	54.8	55.2	55.4
IV 12000	53.1	53.7	54.4	55.2	55.8	55.9	56.3	57.1	57.1	57.7	58.2	58.2	59.0	59.0	59.4	59.7
IV 10000	56.5	57.1	58.1	59.0	59.7	59.9	60.2	61.0	61.0	61.6	62.3	62.3	63.1	63.1	63.4	63.8
IV 9000	59.6	59.2	60.2	61.4	62.2	62.3	62.8	63.3	63.5	64.4	64.8	64.8	65.7	65.7	66.0	66.3
IV 8000	60.0	61.0	61.9	63.1	64.0	64.1	64.6	65.4	65.4	66.2	66.7	66.7	67.5	67.5	67.8	68.2
IV 7000	62.2	63.2	64.6	66.0	66.9	67.0	67.5	68.3	68.3	69.1	69.6	69.6	70.4	70.4	70.8	71.1
IV 6000	62.8	63.9	65.3	66.7	67.5	67.6	68.2	68.9	68.9	69.8	70.2	70.2	71.1	71.1	71.4	71.7
IV 5000	67.0	68.4	69.9	71.4	72.4	72.5	73.0	73.3	73.8	74.6	75.1	75.1	75.9	75.9	76.2	76.6
IV 4500	68.3	70.0	71.6	73.1	74.1	74.2	74.8	75.3	75.6	76.5	76.9	76.9	77.7	77.7	78.1	78.4
IV 4000	70.1	72.2	74.0	75.5	76.9	76.7	77.3	78.2	78.2	79.1	79.5	79.5	80.4	80.4	80.8	81.1
IV 3500	71.8	74.1	75.9	77.4	78.6	78.7	79.4	80.2	80.2	81.2	81.6	81.6	82.5	82.5	82.8	83.1
IV 3000	74.7	77.4	79.2	81.2	82.6	82.7	83.3	84.2	84.2	85.2	85.6	85.6	86.5	86.5	86.8	87.1
IV 2500	77.3	80.2	82.5	84.2	85.7	85.9	86.7	88.0	88.0	88.9	89.4	89.4	90.2	90.2	90.5	90.9
IV 2000	78.0	80.9	83.1	84.9	86.5	86.8	87.7	89.5	89.5	90.4	90.9	90.9	91.7	91.7	92.0	92.4
IV 1800	78.2	81.3	83.5	85.3	87.0	87.3	88.3	90.0	90.0	91.0	91.4	91.4	92.3	92.3	92.6	92.9
IV 1500	78.5	81.6	84.0	85.7	87.4	87.7	88.9	90.9	91.0	92.2	92.6	92.6	93.4	93.4	93.8	94.1
IV 1200	79.1	82.3	84.6	86.3	88.3	88.6	90.0	92.5	92.7	94.3	94.7	94.7	95.6	95.6	95.9	96.2
IV 1000	80.6	83.3	85.7	87.4	89.4	89.7	91.1	93.7	93.8	95.5	95.9	95.9	96.8	96.8	97.1	97.4
IV 900	80.3	83.4	85.8	87.5	89.5	89.8	91.2	93.9	94.0	95.7	96.1	96.1	97.0	97.0	97.3	97.6
IV 800	80.6	83.5	85.9	87.6	89.6	89.9	91.3	94.3	94.1	95.8	96.3	96.3	97.2	97.2	97.5	97.8
IV 700	80.4	83.5	85.9	87.6	89.6	89.9	91.3	94.0	94.1	95.8	96.3	96.3	97.2	97.2	97.5	97.8
IV 600	80.8	83.9	86.2	88.0	89.9	90.2	91.6	94.3	94.4	96.1	96.7	96.7	97.6	97.6	98.0	98.3
IV 500	81.1	84.2	86.6	88.3	90.2	90.5	91.9	94.6	94.7	96.5	97.0	97.0	98.0	98.0	98.3	98.6
IV 400	81.3	84.4	86.8	88.5	90.4	90.8	92.2	94.8	94.9	96.7	97.2	97.2	98.2	98.2	98.5	98.8
IV 300	81.4	84.5	86.9	88.6	90.5	90.9	92.3	94.9	95.1	96.8	97.3	97.3	98.3	98.3	98.6	98.9
IV 200	81.5	84.6	87.0	88.7	90.6	91.0	92.4	95.1	95.2	96.9	97.4	97.4	98.4	98.4	98.7	99.0
IV 100	81.5	84.6	87.0	88.7	90.6	91.1	92.5	95.4	95.5	97.2	97.7	97.7	98.9	98.9	99.4	99.7
IV 0	81.5	84.6	87.0	88.7	90.6	91.1	92.5	95.4	95.5	97.2	97.7	97.7	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING DIVISION
SAF ETAC
AIR LATER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME WHITEHOUSE YF INT APT 27-66 YEARS 64 MONTH 14
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0200
HOURS ILDT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	45.0	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	44.6	45.1	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	44.7	45.2	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	44.8	45.3	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	44.9	45.4	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 12000	45.0	45.5	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 10000	45.1	45.6	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000	45.2	45.7	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 8000	45.3	45.8	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	45.4	45.9	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 6000	45.5	46.0	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 5000	45.6	46.1	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 4500	45.7	46.2	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4000	45.8	46.3	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 3500	45.9	46.4	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 3000	46.0	46.5	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 2500	46.1	46.6	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	46.2	46.7	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1800	46.3	46.8	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 1500	46.4	46.9	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 1200	46.5	47.0	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1000	46.6	47.1	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 900	46.7	47.2	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 800	46.8	47.3	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 700	46.9	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 600	47.0	47.5	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 500	47.1	47.6	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 400	47.2	47.7	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 300	47.3	47.8	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 200	47.4	47.9	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 100	47.5	48.0	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 0	47.6	48.1	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8

TOTAL NUMBER OF OBSERVATIONS 346

DATA PROCESSING DIVISION
5400 LTA
100 EAST 100 STREET

CEILING VERSUS VISIBILITY

STATION NAME: WITNESS VT

DATE: 27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-100-0300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 25000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 7000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 5000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1800	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1200	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 900	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 800	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 700	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 600	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 400	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 300	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 200	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 100	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0

TOTAL NUMBER OF OBSERVATIONS: 346

1
2
1

DATA PROCESSING DIVISION
USAF ETAC
1000 EAGLE CREEK VILLAGE

CEILING VERSUS VISIBILITY

0-14-5 (OL 1) AIR FORCE VIETNAM

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-14-5 (OL 1) MONTHLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	32.4	32.5	32.6	32.7	33.0	33.0	33.1	33.1	33.1	33.2	33.7	33.2	33.2	33.3	33.7
IV 20000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 18000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 16000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 14000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 12000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 10000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 9000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 8000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 7000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 6000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 5000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 4500	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 4000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 3500	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 3000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 2500	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 2000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 1800	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 1500	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 1200	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 1000	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 900	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 800	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 700	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 600	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 500	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 400	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 300	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 200	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 100	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1
IV 0	31.7	31.1	31.2	31.4	31.7	31.8	31.8	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1

TOTAL NUMBER OF OBSERVATIONS 646

AT P. 1550-101-1
 1550-101-1
 1550-101-1

CEILING VERSUS VISIBILITY

1550-101-1
 1550-101-1

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1550-101-1
 1550-101-1

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING ≥ 20000	31.0	31.0	31.0	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.5
18000	31.1	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.5
16000	31.2	31.2	31.2	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.6
14000	31.3	31.3	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.7
12000	31.4	31.4	31.4	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.8
10000	31.5	31.5	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.9
8000	31.6	31.6	31.6	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	32.0
7000	31.7	31.7	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.1
6000	31.8	31.8	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.2
5000	31.9	31.9	31.9	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.3
4500	32.0	32.0	32.0	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4
4000	32.1	32.1	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.5
3500	32.2	32.2	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.6
3000	32.3	32.3	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.7
2500	32.4	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.8
2000	32.5	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.9
1800	32.6	32.6	32.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	33.0
1500	32.7	32.7	32.7	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.1
1200	32.8	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.2
1000	32.9	32.9	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3
900	33.0	33.0	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.4
800	33.1	33.1	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.5
700	33.2	33.2	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.6
600	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.7
500	33.4	33.4	33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.8
400	33.5	33.5	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.9
300	33.6	33.6	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	34.0
200	33.7	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.1
100	33.8	33.8	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.2
0	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.3

TOTAL NUMBER OF OBSERVATIONS 146

AT 2201580 19151
64 174
AIR 000111 1 11000 00

CEILING VERSUS VISIBILITY

STATE INDIANA VI IT 411
STATION STATION NAME

57-60

YEARS

$$\frac{1}{\text{MOL}} \cdot \frac{\text{L}}{\text{L}}$$

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~100-1400~~

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 147

AF FORM 100-101 (1-1-60)
 100-101 (1-1-60)
 100-101 (1-1-60)

CEILING VERSUS VISIBILITY

STATION NAME: 11-11-11

7-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
20000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
18000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
16000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
14000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
12000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
10000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
9000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
8000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
7000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
6000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
5000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
4500	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
4000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
3500	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
3000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
2500	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
2000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
1800	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
1500	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
1200	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
1000	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
900	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
800	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
700	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
600	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
500	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
400	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
300	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
200	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
100	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
0	7.8	37.3	37.3	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2

TOTAL NUMBER OF OBSERVATIONS

646

THE UNIVERSITY OF CHICAGO

CEILING VERSUS VISIBILITY

— I —

27-65

YEARS

408

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~100-200~~

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 149

ATLANTA, GEORGIA
 METEOROLOGICAL
 STATION

CEILING VERSUS VISIBILITY

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	33.5	44.1	44.2	44.3	44.4	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2700	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1800	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1600	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1400	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1200	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1000	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 900	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 800	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 700	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 600	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 500	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 400	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 300	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 200	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 100	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 0	44.1	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3

TOTAL NUMBER OF OBSERVATIONS 245

AF FORM 3-61
 10-17-61
 10-17-61

CEILING VERSUS VISIBILITY

STATION NAME 11-03-51 YEAR 57-66 YEARS MONTH AB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0700
 MONTH

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
IV 20000	3.2	33.4	54.7	54.8	53.0	54.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 18000	7.7	53.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 16000	7.7	53.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 14000	9.2	54.5	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 12000	12.9	63.2	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 10000	17.3	67.7	68.2	68.3	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	19.1	69.6	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 8000	21.2	71.8	72.5	72.8	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 7000	23.5	76.5	77.2	77.5	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	26.0	77.7	78.7	78.8	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	28.4	81.7	82.5	82.8	83.5	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4500	31.7	83.2	84.2	84.5	85.3	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000	33.0	85.6	86.6	87.1	88.1	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	35.5	87.4	88.6	89.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	36.2	88.5	89.7	90.4	91.6	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	37.0	89.2	90.6	91.7	93.2	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	37.2	90.6	91.4	92.7	94.4	94.7	96.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	37.5	90.0	91.4	92.7	94.4	94.7	96.3	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	37.7	90.4	91.8	93.1	94.8	95.2	96.9	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	37.7	90.4	91.8	93.1	94.8	95.4	97.1	98.5	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	37.7	90.4	91.8	93.1	94.8	95.4	97.1	98.5	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	37.7	90.5	91.9	93.2	94.9	95.5	97.2	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	37.7	90.5	91.9	93.3	95.1	95.6	97.3	98.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
110 EAST BAY STREET, WACO, TEXAS 76798

CEILING VERSUS VISIBILITY

STATION: WACO, TEXAS DATE: 5-7-66 YEAR: 1966 MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	≥ 0
NO CEILING ≥ 20000	49.4	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3
IV 18000	54.1	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3
IV 16000	54.2	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4
IV 14000	55.4	55.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	56.6
IV 12000	56.7	55.5	55.5	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9
IV 10000	62.5	63.4	63.4	63.6	64.5	64.5	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6
IV 9000	65.5	66.6	66.6	67.2	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7
IV 8000	67.6	69.2	69.7	70.1	70.5	70.5	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2
IV 7000	71.2	72.9	73.4	73.9	74.3	74.3	74.7	74.7	74.7	74.8	74.9	74.9	74.9	75.1	75.1	75.1
IV 6000	72.4	74.2	74.6	75.2	75.6	75.6	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.4	76.4
IV 5000	76.0	77.4	78.0	78.6	79.4	79.4	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1
IV 4500	77.1	78.7	79.2	80.0	81.0	81.0	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7
IV 4000	78.9	81.2	82.0	82.2	84.4	84.4	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 3500	80.2	82.7	83.7	85.1	86.2	86.2	86.7	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 3000	81.8	84.3	85.4	86.9	88.1	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4
IV 2500	83.3	85.1	87.2	89.0	90.5	90.6	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5
IV 2000	84.0	87.0	88.4	90.3	92.2	92.3	92.8	94.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3
IV 1800	84.3	87.4	88.8	90.5	92.6	92.7	94.2	95.9	96.1	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 1500	85.5	87.5	89.0	91.1	92.9	93.0	94.6	97.0	97.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 1200	86.8	88.6	89.4	91.4	93.2	93.3	94.9	97.3	97.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 1000	86.8	88.0	89.5	91.5	93.3	93.4	95.1	97.4	97.8	99.2	99.4	99.4	99.4	99.5	99.5	99.5
IV 900	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 800	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 700	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 0	86.1	88.2	89.7	91.7	93.5	93.7	95.3	97.6	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

ATA 10-1550-101-101
 SAF ETAC
 (1) 10-1550-101-101

CEILING VERSUS VISIBILITY

20000 10000 5000 2000 1000 500 200 100 0

37-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0.00-0.00

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
20000	45.5	43.7	45.9	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
18000	51.1	51.1	51.5	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
16000	51.1	51.1	51.5	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
14000	54.4	54.4	54.8	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	53.3	53.3	53.7	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
10000	63.6	64.7	65.4	65.9	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
9000	67.0	67.0	67.6	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
8000	70.2	71.3	72.2	73.1	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
7000	72.7	74.1	74.9	76.0	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
6000	73.6	74.8	75.7	76.8	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
5000	75.5	76.9	77.8	78.9	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
4500	76.2	77.6	78.6	79.8	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
4000	76.4	77.8	78.8	80.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3500	79.9	81.3	82.3	83.6	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3000	82.3	83.7	84.7	86.0	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2500	85.4	86.8	87.8	89.1	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2000	88.6	89.9	90.9	92.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1800	91.0	92.3	93.3	94.6	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1500	93.9	95.2	96.2	97.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	96.0	97.3	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	98.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 USAF ETAC
 AIRCRAFT RESEARCH

CEILING VERSUS VISIBILITY

STATION NAME: WILLIAMSBURG YL UNIT: APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-1100
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.4	48.9	49.0	49.2	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
≥ 18000	48.4	49.2	49.4	60.0	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5
≥ 16000	48.4	49.2	49.4	60.0	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5
≥ 14000	61.2	62.0	62.2	62.8	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4
≥ 12000	63.8	64.6	64.7	65.7	65.9	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 10000	68.7	69.9	70.1	71.1	71.3	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 9000	71.0	73.0	73.2	74.2	74.6	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 8000	75.5	77.1	77.4	78.5	78.9	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 7000	77.0	79.7	79.2	80.4	81.0	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 6000	77.6	79.5	80.1	81.3	81.8	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 5000	79.7	81.6	82.4	83.5	84.4	84.7	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 4500	80.6	82.8	83.5	84.8	85.7	86.0	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥ 4000	82.6	85.1	85.9	87.2	88.2	88.8	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 3500	84.7	87.3	88.3	89.7	90.8	91.4	92.6	93.2	93.2	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 3000	85.6	88.3	89.2	90.6	91.7	92.4	94.0	94.9	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.4
≥ 2500	86.1	89.0	90.1	91.9	93.0	93.8	95.4	96.9	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4
≥ 2000	86.6	89.5	90.6	92.3	93.7	94.4	96.0	97.7	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1800	86.6	89.5	90.6	92.3	93.7	94.4	96.0	97.7	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1500	86.7	89.6	90.6	92.6	93.8	94.6	96.2	98.1	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1200	86.7	89.9	91.2	93.0	94.2	95.1	96.7	98.5	98.6	99.2	99.3	99.3	99.3	99.5	99.5	99.5
≥ 1000	86.7	89.9	91.2	93.0	94.2	95.1	96.7	98.5	98.6	99.2	99.3	99.3	99.3	99.5	99.5	99.5
≥ 900	86.8	90.0	91.3	93.1	94.3	95.2	96.8	98.6	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	86.9	90.1	91.4	93.2	94.4	95.3	96.9	98.7	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	86.9	90.1	91.4	93.2	94.4	95.3	96.9	98.7	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	87.0	90.2	91.5	93.3	94.5	95.4	97.0	98.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	87.0	90.2	91.5	93.3	94.5	95.4	97.0	98.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	87.0	90.2	91.5	93.4	94.6	95.5	97.1	98.9	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	87.0	90.2	91.5	93.4	94.6	95.5	97.1	98.9	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	87.0	90.2	91.5	93.4	94.6	95.5	97.1	98.9	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	87.0	90.2	91.5	93.4	94.6	95.5	97.1	98.9	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	87.0	90.2	91.5	93.4	94.6	95.5	97.1	98.9	99.0	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

435

ATA PROPOSED DIVISION
SFC ETA
10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION: 0310 DATE: 11/11/66 YEAR: 57-66 MONTH: 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 18000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 16000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 14000	62.4	62.5	62.6	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 12000	65.2	65.3	65.7	65.5	66.3	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	70.9	71.0	71.5	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
IV 9000	74.1	74.3	74.8	75.1	75.4	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 8000	77.3	77.5	78.2	78.6	78.9	79.4	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 7000	79.8	80.6	81.4	81.8	82.4	82.8	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	80.5	81.7	82.5	82.9	83.3	83.9	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 5000	83.3	84.9	85.8	86.2	86.7	87.3	87.3	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 4500	85.0	87.1	88.1	88.5	88.9	89.6	89.6	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	89.1	92.9	93.8	94.2	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500	90.9	92.7	93.7	94.2	95.1	95.8	96.1	96.3	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	91.6	93.4	94.4	94.9	95.8	96.6	96.9	97.3	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	91.9	93.9	94.8	95.6	96.6	97.5	98.1	98.5	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	91.9	93.9	94.8	95.6	96.6	97.5	98.1	98.5	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	91.9	93.9	94.8	95.6	96.6	97.5	98.1	98.5	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	91.9	93.9	94.8	95.6	96.6	97.5	98.1	98.5	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	91.9	94.0	94.9	95.7	96.7	97.6	98.2	98.6	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROFESSIONAL DIVISION
SAFETY
AIR FATHERS SERVICE

CEILING VERSUS VISIBILITY

STATION NAME
WITNESS VI INT CITY

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1:00-1:00
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO. CEILING ≥ 25000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 16000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 14000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 12000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 10000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 9000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 8000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 7000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 6000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 5000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 4500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 4000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 3500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 3000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 2500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 2000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 1800	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 1500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 1200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 1000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 900	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 800	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 700	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 600	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 400	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 300	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 100	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4

TOTAL NUMBER OF OBSERVATIONS 940

2

DATA PROCESSING DIVISION
USAF ETAC
HIT COURSE VI UNIT APT

CEILING VERSUS VISIBILITY

STATION: HIT COURSE VI UNIT APT YEARS: 57-66 MONTH: JAN
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1:00-2:00 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	46.6	45.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 25000	46.5	46.7	46.9	47.0	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 18000	46.5	46.7	46.9	47.0	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 16000	46.9	47.1	47.3	47.4	47.6	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 14000	49.6	49.8	49.9	50.0	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 12000	44.4	44.6	44.8	44.9	45.2	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 10000	70.3	70.8	71.0	71.1	71.3	71.3	71.6	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	74.0	74.8	75.2	75.4	76.0	76.0	76.1	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 8000	77.3	78.2	78.5	78.8	79.0	79.7	79.8	80.1	80.1	80.3	80.3	80.4	80.3	80.3	80.3	80.3
IV 7000	80.4	81.3	81.0	82.0	83.1	83.2	83.3	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 6000	81.7	82.6	82.9	83.3	84.4	84.5	84.8	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	84.9	85.9	86.5	86.9	88.0	88.1	88.5	88.9	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	86.0	87.1	87.6	88.1	89.1	89.5	89.9	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	87.5	88.6	89.3	89.8	91.4	91.7	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3500	88.4	89.7	90.4	91.0	92.4	92.7	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	89.7	91.0	91.8	92.4	93.8	94.1	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	90.2	91.5	92.5	93.2	94.7	95.2	96.1	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	90.6	91.8	92.7	93.5	95.4	95.8	97.1	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	90.2	91.6	92.7	93.3	95.4	95.8	97.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	90.2	91.6	92.8	93.7	95.5	95.9	97.2	98.5	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	90.2	91.6	92.8	93.7	95.5	95.9	97.2	98.5	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	90.4	91.8	93.0	93.9	95.7	96.1	97.4	98.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	90.4	91.8	93.0	93.9	95.7	96.1	97.4	98.9	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.5	91.9	93.1	94.0	95.8	96.2	97.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING DIVISION
 USAF ETAC
 AIR ESTIMATION DIVISION

CEILING VERSUS VISIBILITY

STATION NAME
 DATA SOURCE
 DATE

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 20000	59.5	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 18000	59.5	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 16000	59.6	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000	61.5	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 12000	63.3	63.9	64.0	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 10000	68.3	68.8	68.9	69.1	69.7	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 9000	70.4	71.3	71.6	71.9	72.3	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 8000	73.0	74.2	74.5	74.9	75.5	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 7000	78.1	79.6	80.0	80.4	81.1	81.1	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 6000	79.7	81.2	81.6	82.2	82.7	82.7	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	82.9	84.4	84.8	85.4	85.9	85.9	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	84.0	85.7	86.2	86.8	87.4	87.4	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000	87.2	87.8	88.5	89.2	89.2	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	91.4	91.4	91.4	91.4	92.2	92.3	92.4	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	92.2	92.5	92.5	92.5	93.0	93.0	93.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	94.4	94.4	94.4	94.4	94.6	94.6	94.6	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

930

ATA PROCESSING DIVISION
SAFETY
NATIONAL SERVICE/AC

CEILING VERSUS VISIBILITY

STATION WITKORSKY V1 DATE 27-66 YEARS 1966 MONTH 06 DAY 01
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .3	≥ .16	≥ .1	≥ 0
NO CEILING	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 18000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 16000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 10000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 8000	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 7000	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 6000	86.3	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 5000	89.3	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	90.8	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	91.0	91.2	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	91.2	91.9	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	91.7	92.3	92.7	92.9	93.6	93.6	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	92.7	93.6	94.1	94.6	95.2	95.3	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	92.3	94.4	94.9	95.6	96.3	96.6	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	93.3	94.6	95.0	95.7	96.4	96.7	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	93.6	94.6	95.2	95.9	96.7	96.9	97.1	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1
IV 1200	93.7	94.9	95.3	96.1	96.9	97.1	97.3	98.0	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	93.0	95.0	95.4	96.2	97.0	97.2	97.4	98.2	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	93.9	95.1	95.6	96.3	97.2	97.4	97.7	98.4	98.6	99.0	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

ATA WASHINGTON DIVISION
SAFETY
100-100000

CEILING VERSUS VISIBILITY

STATION NAME
STATION

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-100000

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 18000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 16000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 14000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 12000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 8000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 7000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 5000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 800	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 600	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 400	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 300	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 200	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 100	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 900

ATA PL. CROSS DIVISION
 AND IFA
 IN FEATURES OF VICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: MITCHELL YF MIT 57-66 YEARS: 00 MONTH: 00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING ≥ 20000	64.3	73.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 16000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 14000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 12000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 8000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 900

ATC REQUESTED SERVICE
NOTED
DATE: 11/1/66

CEILING VERSUS VISIBILITY

STATION: 11/1/66 YR: 11 MON: 11
STATION NAME: 27-66 YEARS: 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-1100
HOURS: 11/1

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
N/A	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 900

ATMOSPHERIC SERVICE
SAFETY
AIR CRAFT

CEILING VERSUS VISIBILITY

STATION NAME: ST. LOUIS, MO.

57-66

PER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, U.S.

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .58	≥ .2	≥ .16	≥ .1	≥ 0	≥ 0
≥ 21000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

505

USAF ETAC 0 14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT - FIVE - DIVISION
 10-176
 10-176

CEILING VERSUS VISIBILITY

STATION NAME AT - FIVE - DIVISION YEAR 57-60 MONTH 10-176
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .7	≥ .516	≥ .4	≥ 0
2000	0.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1800	3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
1600	3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
1400	7.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
1200	7.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1000	7.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
900	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
800	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
700	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
600	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
500	77.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
450	71.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
400	71.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
350	77.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
300	77.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
250	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
700	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
450	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
350	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
250	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 900

0210	017 00250 VI 01 001
STATION	STATION NAME

57-60

1120

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1-10-2000~~

[illegible]TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
NO. 17A
1. DATA FILE NO. 7-66

CEILING VERSUS VISIBILITY

UNIT: METERS YL METERS
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .125	≥ .0625	≥ 0
NV 20000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
NV 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
NV 16000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
NV 14000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
NV 12000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
NV 10000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
NV 9000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
NV 8000	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
NV 7000	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
NV 6000	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
NV 5000	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
NV 4500	90.6	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
NV 4000	91.2	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
NV 3500	94.3	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
NV 3000	94.6	94.9	95.0	95.4	95.7	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
NV 2500	95.4	95.9	96.2	96.6	96.9	97.0	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
NV 2000	95.9	96.3	96.7	97.0	97.4	97.6	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
NV 1800	95.9	96.3	96.7	97.0	97.4	97.6	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
NV 1500	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
NV 1200	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3
NV 1000	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 900	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 800	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 700	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 600	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 500	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 400	95.9	96.3	96.7	97.0	97.4	97.6	98.0	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
NV 300	96.1	96.6	96.9	97.2	97.7	97.8	98.3	98.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
NV 200	96.1	96.6	96.9	97.2	97.7	97.8	98.3	98.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
NV 100	96.1	96.6	96.9	97.2	97.7	97.8	98.3	98.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
NV 0	96.1	96.6	96.9	97.2	97.7	97.8	98.3	98.8	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

200

ATA PUBLICATIONS DIVISION
SAC, FBI
RE: EAST COAST ACTIVITY OF

CEILING VERSUS VISIBILITY

STATION NAME

27-56

Y E A R S

100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0200~~

[illegible]TOTAL NUMBER OF OBSERVATIONS 730

USAF ETAC FORM 0-14-5 (OL 1) JUL 63 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROFESSIONAL DIVISION
USAF ETAC
14-10-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION 14-10-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

27-65

AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C 100-0500
GROUPS (L 51)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	47.4	47.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 20000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 16000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 10000	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 9000	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 8000	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 7000	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 6000	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 5000	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	87.5	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROCESSING DIVISION
SAC, LTA
C/O, BALTIC AIRCRAFT

CEILING VERSUS VISIBILITY

STATION WIT, HONOLULU, HI STATION NAME WIT, HONOLULU, HI 57-66 YEARS MONTH 12
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 66,000,000 MONTH (CITY)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO. CEILING ≥ 2000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 18000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 16000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 14000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 12000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 8000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 6000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

4TH DISTRICT DIVISION
SAF ETAC
AIR EAT IN THE VIC/AC

CEILING VERSUS VISIBILITY

0310 STATION NAME: DITCHFIELD VT OUT APT

57-66

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	48.3	48.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 20000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 14000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 12000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 10000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 9000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 8000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 6000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 5000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 4500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1600	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

0 40

ATA PROCESSING DIVISION
NAF ETAC
OFFICE OF THE DIRECTOR

CEILING VERSUS VISIBILITY

00310 011 0050 VT 001 P1

27-66

AY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 18000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 16000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 6000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	97.6	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	98.2	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.3	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.0	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

STATION NAME: WITCHES VT OUT APT

57-64

AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	43.2	43.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 18000 IV 16000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IV 14000 IV 12000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 10000 IV 9000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 8000 IV 7000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 6000 IV 5000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4500 IV 4000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3500 IV 3000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500 IV 2000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800 IV 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200 IV 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900 IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700 IV 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500 IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300 IV 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100 IV 0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

9 30

DATA PROCESSING DIVISION
USAF ETAC
1000 PENTAGON DRIVE
WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

20110
STATION

WILLIAMS PT
STATION NAME

27-66
YEARS

6 Y
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-60-2000
NOV 11 1966

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 20000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 18000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 16000	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 14000	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 10000	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 9000	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 8000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 7000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 6000	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4500	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3500	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3000	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
SAFETY
AIR EATING OF WICE/MAI

CEILING VERSUS VISIBILITY

STATION NAME: WINTERHOUSE YF UNIT: ART

27-66

AY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET		VISIBILITY: STATUTE MILES:															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IVM	18000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IVM	16000	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IVM	14000	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IVM	12000	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IVM	10000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IVM	9000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IVM	8000	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IVM	7000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IVM	6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVM	5000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IVM	4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVM	4000	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM	3500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVM	3000	96.9	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM	2500	96.8	97.4	97.6	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM	2000	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM	1800	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM	1500	97.7	98.3	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM	1200	97.8	98.4	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM	1000	97.8	98.4	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM	900	97.8	98.5	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM	800	97.8	98.5	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM	700	97.8	98.5	98.7	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM	600	98.0	98.7	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVM	500	98.0	98.7	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVM	400	98.0	98.7	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVM	300	98.1	98.8	99.0	99.2	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVM	200	98.1	98.8	99.0	99.2	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVM	100	98.1	98.8	99.0	99.2	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVM	0	98.1	98.8	99.0	99.2	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

U.S. AIR FORCE
HEADQUARTERS
WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

STATION NAME
07-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-0900
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
18000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
16000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
10000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
9000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
8000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
6000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
3000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 910

AD-A100 243

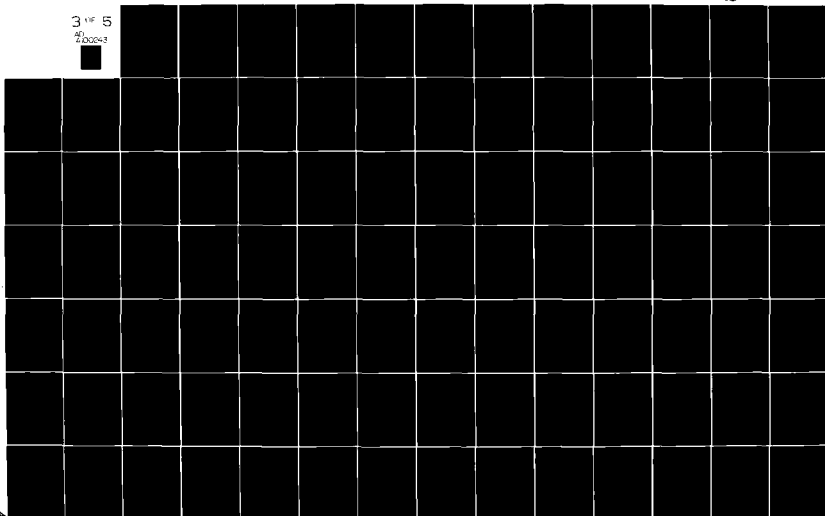
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WHITEHORSE APT, YUKON TERRITORY, CANADA. REVISED UNIFORM SUMMAR--ETC
JAN 72

UNCLASSIFIED USAFETAC/DS-81/038

SBIE-AD-E850 065

NL

3 of 5
20
700543



NEW BRUNSWICK DIVISION
SHEPHERD
AIR FORCE BASE, NEW BRUNSWICK

CEILING VERSUS VISIBILITY

STATION NAME
SHEPHERD AIR FORCE BASE, NEW BRUNSWICK

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0.00-0.100
HOURS PER DAY

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 18000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 16000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 14000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 12000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 10000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 9000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 8000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

700

DATA PROCESSING DIVISION
SAF ETAC
17 EAGLE BLVD, WICKFORD

CEILING VERSUS VISIBILITY

STATION NAME: WICKFORD VT INT PT

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6000-1100
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 2000	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 1800	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 1600	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 1400	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 1200	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 1000	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 900	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 800	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 700	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 600	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 500	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 450	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 400	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 350	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 300	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2500	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

6310
STATION

WILLOW RISE VIL INT APT
STATION NAME

57-66
YEARS

MONTH

1200-1400
HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 20000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 18000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 16000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 14000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 12000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
IV 10000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 9000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 8000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 7000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 6000	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 5000	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3500	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	99.4	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	99.6	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	99.7	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

DATA PROCESSING DIVISION
SAFETY
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

STATION 26110 HITEHOUSE VT UNIT APT

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 20000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
IV 18000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
IV 16000	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
IV 14000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 12000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 10000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 9000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 8000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 7000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 6000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

20010 LIT. HOUSE YR. 1971-1972

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-200-2000
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 18000	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 16000	45.9	45.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 14000	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 12000	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 10000	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 9000	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 8000	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 7000	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 4000	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

2635 HITCHCOCK, VT LUT APT
STATION STATION NAME

57-66 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2106-2100
HOURLY IL 5.1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 20000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 18000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 16000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 14000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 10000	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 9000	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 7000	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 6000	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 5000	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	94.9	94.9	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 4000	97.0	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 3500	98.2	98.2	98.2	98.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 2106

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE AC

CEILING VERSUS VISIBILITY

203.0 WHITE PINE YL DLT APT

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	20.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 18000	20.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 16000	20.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 14000	23.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 12000	23.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 10000	23.2	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 9000	23.2	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 8000	25.1	26.3	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 7000	25.1	26.3	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 6000	26.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000	26.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 4000	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 3500	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 3000	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 2500	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 2000	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1800	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1500	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1200	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1000	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 900	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 800	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 700	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 600	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 500	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 400	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 300	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 200	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 100	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 0	22.0	23.3	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5

TOTAL NUMBER OF OBSERVATIONS

530

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

CEILING VERSUS VISIBILITY

26310
STATION

WHITENHSE Y1 APT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	44.8	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0
IV 20000	51.2	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
IV 18000	51.2	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
IV 16000	51.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
IV 14000	53.9	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
IV 12000	58.8	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
IV 10000	66.8	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
IV 9000	73.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
IV 8000	78.1	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
IV 7000	80.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 6000	83.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
IV 5000	88.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
IV 4500	90.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
IV 4000	94.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
IV 3500	95.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
IV 3000	96.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 2500	97.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
IV 2000	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1800	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1500	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1200	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1000	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 900	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 800	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 700	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 600	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 500	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

040

ATA PROFESSIONAL DIVISION
SAFETY
IN THE AIR

CEILING VERSUS VISIBILITY

STATION WIT HURGE VT 0017PT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 25000	39.1	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 18000	48.4	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 16000	48.4	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 14000	51.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 12000	57.5	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 10000	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 7000	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 6000	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	90.0	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	93.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3000	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROCESSING DIVISION
 SAFETY
 AIR FORCE DE WICK/AC

CEILING VERSUS VISIBILITY

STATION NAME DISTANCE VI T ADT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00-11.00
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
IV 20000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 18000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 16000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 14000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 12000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 10000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 9000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 8000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 7000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 6000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 5000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 4500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 4000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 3500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 3000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 2500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 2000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 1800	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 1500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 1200	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 1000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 900	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 800	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 700	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 600	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 400	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 300	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 200	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 100	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7

TOTAL NUMBER OF OBSERVATIONS 736

DATA PREPARATION DIVISION
USAF ETAC
100-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION NO. 27-00 STATION NAME WILCOX AIRFIELD YEARS 1966-1968 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	29.4	29.6	29.6	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
IV 2000	35.4	35.8	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 18000	35.4	35.8	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 16000	35.4	35.8	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 14000	36.2	36.7	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 12000	40.3	40.8	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 10000	45.2	45.6	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 9000	51.0	51.4	51.7	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 8000	53.3	53.8	54.1	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 7000	55.7	56.1	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 6000	63.9	64.4	64.7	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 5000	65.3	65.6	65.8	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 4500	72.4	71.7	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	74.8	75.6	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 3500	77.2	77.9	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 3000	77.2	77.9	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2500	77.2	77.9	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	77.2	77.9	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 1800	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1500	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1200	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1000	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 900	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 800	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 700	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 600	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 500	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 400	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 300	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 200	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 100	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 0	78.0	78.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6

TOTAL NUMBER OF OBSERVATIONS 430

DATA PREPARED BY: [illegible]
 DATE: [illegible]
 AIRCRAFT: [illegible]

CEILING VERSUS VISIBILITY

STATION: [illegible] DATE: [illegible] 57-66
 MONTH: [illegible] YEARS: [illegible]
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS: 1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .125	≥ .0625	≥ 0
≥ 2500	7.5	27.6	27.7	20.1	28.3	27.3	28.3	29.3	28.3	21.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 1800	2.0	35.9	36.0	30.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 1600	6.1	36.2	36.3	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 1400	7.1	37.2	37.3	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 1200	2.0	42.2	42.3	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 1000	3.5	43.7	43.9	44.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 900	5.1	53.3	53.5	53.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 800	7.8	58.1	58.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 700	9.3	59.7	59.9	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 600	7.3	63.4	63.7	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 500	7.0	67.5	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 450	11.0	72.4	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 400	12.6	76.1	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 350	6.2	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 300	7.2	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 250	7.6	98.4	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	8.3	98.6	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 150	8.3	98.8	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 120	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	8.4	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 737

ATC PROCESS DIVISION
 USAF ETAC
 AIRCRAFT SERVICE FAC

CEILING VERSUS VISIBILITY

STATION 27-66 STATION NAME 27-66 YEARS 2100-2300 MONTH 2100-2300 HOURS 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 8000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 6000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1800	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1600	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1400	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1200	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 900	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 800	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 700	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 600	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 400	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 300	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 200	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 100	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION WHEELER AFB, OKLAHOMA YEAR 57-66 MONTH 1-6
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 730

DATA PROCESSING DIVISION
 USAF ETAC
 AIR FORCE HEADQUARTERS

CEILING VERSUS VISIBILITY

STATION 0510 UNIT HOUSE VI OUT PT STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00-0.500

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 20000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 18000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 16000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 14000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 12000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 10000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 9000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 8000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 7000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 6000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 5000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 4500	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 4000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 3500	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 3000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 2500	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 2000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 1800	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 1500	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 1200	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 1000	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 900	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 800	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 700	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 600	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 500	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 400	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 300	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 200	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 100	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1
IV 0	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	45.1

TOTAL NUMBER OF OBSERVATIONS 935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

STATION 20110 MILITARY VT AIR PT

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1
≥ 20000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.2
IV 18000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.2
IV 16000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7
IV 14000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.0
IV 12000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1
IV 10000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.6
IV 9000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.3
IV 8000	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.1
IV 7000	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1
IV 6000	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.6
IV 5000	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.9
IV 4500	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.2
IV 4000	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.7
IV 3500	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.5
IV 3000	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.9
IV 2500	94.3	94.3	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.4
IV 2000	95.3	95.3	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.6
IV 1800	96.3	96.3	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.2
IV 1500	96.3	96.3	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8
IV 1200	96.3	96.3	96.3	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	98.4
IV 1000	96.3	96.3	96.3	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	98.5
IV 900	96.6	96.6	96.6	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.8
IV 800	96.6	96.6	96.6	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.7
IV 700	97.0	97.0	97.0	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.9
IV 600	97.2	97.2	97.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.1
IV 500	97.4	97.4	97.4	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.4
IV 400	97.5	97.5	97.5	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.6
IV 300	97.5	97.5	97.5	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.7
IV 200	97.5	97.5	97.5	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.7
IV 100	97.5	97.5	97.5	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.7
IV 0	97.5	97.5	97.5	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.7

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
SAFETY
AIR FORCE SERVICE CENTER

CEILING VERSUS VISIBILITY

25310 HILBERSVILLE, NY

57-66

YEARS

66
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-20-1100
HOURS IL 1-1

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 18000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 16000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 14000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 12000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 9000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 8000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 7000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 6000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 5000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

26310 MILITARY VI TWT APT
STATION NAME

57-66
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 18000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 16000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 14000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 12000	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 10000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 9000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 7000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 5000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
SAFETY
TELETYPE SERVICE

CEILING VERSUS VISIBILITY

20310 HITCHHOKS VT MET APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1.00-1.00
HOURS 11.5-1.0

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.5	40.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 18000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 16000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 14000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 12000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 10000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 9000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 8000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 7000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 5000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

ATA PROCESSING DIVISION
SAP ETAC
AIR CRAFT SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
20316

STATION NAME
DUTCHMAN VT OUT ART

YEARS
57-66

MONTH

1,000-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000 IV 16000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 14000 12000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000 9000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 8000 7000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 6000 5000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500 3000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800 1500	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200 1000	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900 800	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700 600	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500 400	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300 200	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

1
2
4ATA PRODUCTION DIVISION
DAF ETA
115 EAST EX SERVICE/AC

CEILING VERSUS VISIBILITY

20311
STATIONJULY 1966
STATION NAME57-66
YEARSAUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 14000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 12000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 10000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 9000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 8000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 6000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 5000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

930

ATA PC 165511 DIVISION
NAF USA
IN EASTERN AFRICA

CEILING VERSUS VISIBILITY

STATION 117 HUNTER YF 1 1 1

57-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 25000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 14000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 10000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 9000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 5000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

100

DATA PROCESSING DIVISION
SAFETY
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

20116
STATION

UNIT: MPMSE YR: 01T: 0PT

27-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	43.0	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 22000	43.0	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 18000	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 16000	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 14000	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 12000	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 10000	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 9000	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 8000	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 7000	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 5000	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4000	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 200	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 100	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

500

ATA P. 1551-1010
 1551-1010
 1551-1010

CEILING VERSUS VISIBILITY

STATION NAME
 1551-1010

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1551-1010
 MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING	7.8	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6
IV 2000	44.0	44.0	44.2	44.2	44.2	44.3	44.4	44.4	44.6	44.6	44.8	44.8	44.9	44.9	44.9	45.0
IV 1800	44.0	44.0	44.2	44.2	44.2	44.3	44.4	44.4	44.6	44.6	44.8	44.8	44.9	44.9	44.9	45.0
IV 1600	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.4	45.4	45.4	45.7	45.7	45.8	45.8	45.8	46.4
IV 1400	48.4	48.4	48.4	48.4	48.4	48.6	48.7	48.8	48.8	48.8	49.0	49.0	49.1	49.1	49.1	49.7
IV 1200	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1
IV 1000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.1
IV 900	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.2
IV 800	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	70.1
IV 700	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 600	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 500	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 450	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 400	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 350	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 300	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 250	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 200	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 180	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 150	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 120	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 90	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 80	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 70	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 60	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 50	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 40	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 30	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 20	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 10	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS 500

27-66

0000-1140
HOURS - LST.

TOTAL NUMBER OF OBSERVATIONS 700

ATLANTA, GEORGIA
SHEPHERD
10 SEATTLE, WASHINGTON

CEILING VERSUS VISIBILITY

STATION NAME: ATLANTA, GEORGIA SHT: 10 MONTH: SEP 27-66 YEARS: 1-66-1700 HOURS: 1-5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	36.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 22000	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 18000	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 16000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	95.4	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	96.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.4	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.6	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.6	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	97.6	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	97.6	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 900

DATA REPORT
SAC LTA
DATE

CEILING VERSUS VISIBILITY

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-2:00
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 18000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 14000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 9000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
SAFETY
FAT L F VICE/AC

CEILING VERSUS VISIBILITY

STATION NAME
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 20000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 18000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 16000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 14000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 12000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 10000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 9000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 8000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 7000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 6000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 5000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

STATION WILTON ROSE YF DIT DET

27-66

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .4	≥ .3	≥ .25
NO CEILING	41.7	41.9	42.0	42.3	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	45.2	45.1	46.2	46.2	46.3	46.3	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7
IV 18000	46.0	46.2	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	47.0
IV 16000	47.3	47.3	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.2	48.3
IV 14000	51.5	51.7	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.4	52.5
IV 12000	56.2	56.6	56.7	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.2	57.3
IV 10000	60.8	61.1	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.8	61.9
IV 9000	64.5	64.9	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.7	65.8
IV 8000	67.4	67.8	68.0	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.9	69.0
IV 7000	71.3	72.4	72.5	72.7	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.5	73.7
IV 6000	73.2	73.7	73.8	74.0	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.8	74.9
IV 5000	76.5	77.5	77.4	77.6	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.5	78.6
IV 4500	78.5	78.9	79.0	79.2	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.1	80.2
IV 4000	80.9	81.3	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.3	82.5	82.6
IV 3500	84.1	84.5	84.7	84.9	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.8	85.9
IV 3000	84.9	85.4	85.6	86.0	86.5	86.6	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.1	87.3	87.4
IV 2500	87.1	87.7	88.0	88.5	89.1	89.4	89.5	89.6	89.6	89.8	89.9	89.9	89.9	90.0	90.2	90.3
IV 2000	88.6	89.4	89.6	90.1	90.5	91.1	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.8	92.0	92.2
IV 1800	89.4	90.1	90.3	90.9	91.5	91.9	92.4	92.5	92.5	92.7	92.8	92.8	92.8	92.9	93.1	93.2
IV 1500	90.5	91.3	91.5	92.0	92.7	93.1	93.5	94.0	94.0	94.2	94.3	94.3	94.3	94.4	94.6	94.7
IV 1200	90.9	91.7	91.9	92.5	93.2	93.4	94.2	94.9	94.9	95.3	95.4	95.4	95.4	95.5	95.7	95.8
IV 1000	91.4	92.3	92.5	93.0	94.0	94.5	95.1	95.8	95.8	96.1	96.2	96.2	96.2	96.3	96.6	96.7
IV 900	92.0	92.9	93.1	93.7	94.6	95.2	95.8	96.6	96.6	96.9	97.0	97.0	97.0	97.1	97.4	97.5
IV 800	92.4	93.2	93.4	94.0	94.9	95.5	96.1	96.9	96.9	97.2	97.3	97.3	97.3	97.4	97.7	97.8
IV 700	92.6	93.4	93.7	94.2	95.2	95.7	96.3	97.1	97.1	97.5	97.6	97.6	97.6	97.7	97.8	97.9
IV 600	92.7	93.5	93.8	94.3	95.3	95.8	96.5	97.2	97.2	97.6	97.7	97.7	97.7	97.8	98.1	98.2
IV 500	93.1	94.0	94.2	94.7	95.7	96.2	96.9	97.6	97.6	98.1	98.2	98.2	98.2	98.3	98.6	98.7
IV 400	93.3	94.3	94.5	95.1	96.0	96.6	97.2	98.0	98.0	98.4	98.5	98.5	98.5	98.6	98.9	99.0
IV 300	93.4	94.5	94.7	95.3	96.2	96.8	97.5	98.3	98.3	98.7	98.8	98.8	98.8	98.9	99.2	99.3
IV 200	93.4	94.5	94.7	95.4	96.3	96.9	97.6	98.4	98.4	98.8	98.9	98.9	98.9	99.0	99.3	99.4
IV 100	93.5	94.6	94.9	95.6	96.6	97.1	97.8	98.5	98.6	99.0	99.1	99.1	99.1	99.2	99.4	99.5
IV 0	93.5	94.6	94.9	95.6	96.6	97.1	97.8	98.5	98.6	99.0	99.1	99.1	99.1	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS

337

U.S. AIR FORCE DIVISION
 SURVEILLANCE
 1. DATE OF REPORT

CEILING VERSUS VISIBILITY

STATION NAME

57-65

YEARS

CT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

C300-0500
 HOURS ILST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 20000	40.0	40.1	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	44.4	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	44.4	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	49.0	49.1	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	44.4	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	49.5	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	61.8	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	65.3	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	70.4	70.6	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	72.0	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	75.7	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	77.0	77.2	77.2	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	78.9	79.1	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	81.4	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	83.1	83.5	83.8	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	86.6	87.2	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	86.6	87.2	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	87.8	88.5	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	88.6	89.7	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	89.8	90.9	91.4	91.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	90.3	91.2	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	90.8	91.6	92.4	92.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	90.0	91.2	92.0	92.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	90.1	91.3	91.9	91.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	90.3	91.5	92.2	92.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	90.5	91.7	92.4	92.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	91.1	92.5	93.3	93.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	91.3	92.7	93.5	93.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 200	91.4	92.8	93.7	93.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	91.4	92.8	93.7	93.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 0	91.4	92.8	93.7	93.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20310

WINTERSE YF TBT TPT

57-66

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.0	30.4	30.2	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.9
≥ 18000	37.5	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1	38.2
≥ 16000	37.9	38.1	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.5	38.5	38.6
≥ 14000	41.0	42.0	42.0	42.1	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.5
≥ 12000	46.0	46.2	46.2	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.8
≥ 10000	51.2	51.5	51.5	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.2
≥ 9000	55.5	55.8	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.5
≥ 8000	59.6	59.8	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.6
≥ 7000	62.9	62.9	62.9	63.2	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.9
≥ 6000	63.7	63.9	63.9	64.3	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.0
≥ 5000	66.9	67.2	67.4	67.8	67.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.5
≥ 4500	71.9	72.2	72.6	72.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.6
≥ 4000	72.8	73.2	73.6	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.6
≥ 3500	78.4	78.9	79.4	79.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.7
≥ 3000	80.6	81.3	81.9	82.2	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.7
≥ 2500	82.5	83.3	84.1	84.6	85.0	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.4
≥ 2000	84.6	85.6	86.4	87.1	87.6	88.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.1
≥ 1800	85.0	86.0	86.9	87.5	88.1	88.9	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.4	90.4	90.5
≥ 1500	85.6	86.9	87.7	88.5	89.0	89.9	91.0	91.6	91.6	91.6	91.9	91.9	91.9	92.1	92.1	92.2
≥ 1200	86.2	87.4	88.4	89.1	89.7	90.5	91.6	92.2	92.4	92.4	92.9	93.0	93.0	93.2	93.2	93.3
≥ 1000	87.0	88.3	89.3	90.1	90.6	91.5	92.7	93.5	93.6	94.4	94.7	94.7	94.7	94.9	94.9	95.0
≥ 900	87.3	89.0	90.1	90.9	91.4	92.2	93.5	94.4	94.5	95.3	95.6	95.6	95.6	95.8	95.8	96.0
≥ 800	87.7	89.5	90.5	91.3	91.8	92.7	94.0	94.9	95.2	96.0	96.3	96.3	96.3	96.6	96.6	96.8
≥ 700	87.9	89.7	90.7	91.5	92.0	92.9	94.2	95.2	95.4	96.2	96.6	96.6	96.6	96.8	96.8	97.0
≥ 600	87.9	89.7	90.7	91.5	92.0	92.9	94.2	95.2	95.4	96.2	96.6	96.6	96.6	96.8	96.8	97.1
≥ 500	88.3	90.1	91.2	91.9	92.5	93.4	94.7	95.8	96.0	97.0	97.3	97.3	97.3	97.6	97.6	97.8
≥ 400	88.6	90.9	91.9	92.7	93.2	94.2	95.5	96.6	96.8	97.7	98.1	98.1	98.1	98.4	98.4	98.7
≥ 300	88.9	91.0	92.1	92.9	93.4	94.4	95.7	96.8	97.0	98.0	98.4	98.4	98.4	98.7	98.7	99.0
≥ 200	88.9	91.0	92.1	92.9	93.4	94.4	95.7	96.8	97.0	98.0	98.4	98.4	98.4	98.7	98.7	99.1
≥ 100	88.9	91.0	92.1	92.9	93.4	94.4	95.7	96.8	97.0	98.0	98.4	98.4	98.4	98.7	98.7	99.4
≥ 0	88.9	91.0	92.1	92.9	93.4	94.4	95.7	96.8	97.0	98.0	98.4	98.4	98.4	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

723

DATA PROCESSING DIVISION
USAF ETAC
AIR LATER SERVICE/NAO

CEILING VERSUS VISIBILITY

20315
STATION

HITCHESEY VY MILITARY
STATION NAME

57-66
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.0	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IV 18000	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 16000	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 14000	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 12000	49.8	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 10000	55.5	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000	60.9	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	65.7	66.1	66.2	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 7000	66.7	67.2	67.3	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 6000	67.8	68.5	68.6	68.7	68.7	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 5000	72.2	75.8	75.9	76.0	76.0	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500	75.4	79.0	79.1	79.2	79.2	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	81.9	82.8	82.9	83.0	83.1	83.3	83.4	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	83.9	84.9	85.2	85.3	85.4	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	86.2	87.5	87.7	88.1	88.3	88.9	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	87.4	89.0	89.4	89.8	90.3	90.8	91.3	91.5	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8
IV 2000	90.4	91.1	91.5	91.9	92.5	92.9	93.4	93.7	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.4
IV 1800	90.9	91.6	92.0	92.5	93.0	93.4	94.1	94.3	94.3	94.7	94.8	94.8	95.1	95.1	95.1	95.1
IV 1500	90.0	92.7	93.1	93.5	94.1	94.3	95.2	95.7	95.7	96.2	96.3	96.3	96.7	96.7	96.7	96.7
IV 1200	91.0	93.1	93.7	94.2	94.3	95.4	96.0	96.7	96.7	97.3	97.6	97.6	97.8	97.8	97.8	97.8
IV 1000	91.2	93.3	94.1	94.8	95.6	96.1	96.8	97.4	97.4	98.1	98.3	98.3	98.7	98.7	98.7	98.7
IV 900	91.2	93.3	94.1	94.8	95.6	96.2	96.9	97.5	97.5	98.3	98.8	98.8	99.0	99.0	99.0	99.0
IV 800	91.2	93.3	94.1	94.8	95.6	96.2	96.9	97.5	97.5	98.3	98.8	98.8	99.0	99.0	99.0	99.0
IV 700	91.3	93.4	94.2	95.1	95.8	96.5	97.1	97.7	97.7	98.5	99.1	99.2	99.3	99.3	99.3	99.3
IV 600	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 500	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 400	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 300	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 200	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 100	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 0	91.4	93.7	94.4	95.3	96.0	96.7	97.3	98.0	98.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
SAF ETAC
141 EAST 17th AVENUE/BOAC

CEILING VERSUS VISIBILITY

20110 HITT HOUSE VT MILITARY AIRPORT
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS IL ET

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.0	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 18000	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 14000	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 12000	56.2	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 10000	62.3	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 9000	62.6	63.6	63.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	68.5	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	71.7	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 6000	73.4	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	74.6	74.7	74.8	74.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4500	81.5	81.6	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4000	83.7	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3500	84.4	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3000	86.0	86.0	87.2	87.5	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2500	87.7	88.6	88.9	89.2	89.5	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	89.9	91.3	91.6	91.9	92.2	92.3	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	90.2	91.6	91.9	92.3	92.5	92.6	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	91.2	92.6	92.9	93.3	93.5	93.7	94.8	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	92.3	93.6	94.1	94.6	94.6	94.9	96.1	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	92.6	94.4	94.7	95.3	95.5	95.6	96.6	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	93.1	94.8	95.2	95.7	96.0	96.1	97.3	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	93.2	94.9	95.4	96.0	96.3	96.5	97.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	93.3	95.1	95.5	96.1	96.6	96.7	97.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	93.7	95.4	95.8	96.5	96.9	97.0	98.2	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	93.9	95.6	96.0	96.7	97.1	97.2	98.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

230

ATA PACIFIC DIVISION
SAC ETAC
1000 E. 10TH AVE

CEILING VERSUS VISIBILITY

STATION NAME ALBUQUERQUE STATION NUMBER 57-66 YEARS 1955-1960 MONTH 12
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 2100-2300 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
≥ 1000	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 2000	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 14000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 10000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 9000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 8000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 7000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 6000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 5000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3500	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 3000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 230

ALBANY, NEW YORK DIVISION
 ALBANY, NEW YORK
 100-100-100-100

CEILING VERSUS VISIBILITY

STATION NAME: ALBANY, NEW YORK STATION NUMBER: 57-66 YEARS: 1960 MONTH: 02 HOURS: 0200
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
≥ 25000	4.4	48.0	39.4	37.2	39.9	39.9	40.2	40.4	40.3	40.7	40.8	40.4	40.9	40.9	41.0
IV 18000	3.3	43.4	43.9	44.1	44.0	44.0	45.1	45.2	45.2	45.6	45.7	45.7	45.8	45.4	45.7
IV 16000	3.0	43.7	44.1	44.3	43.0	43.0	45.3	45.4	45.4	45.6	45.9	45.9	46.0	46.0	46.1
IV 14000	3.9	40.0	40.4	46.7	47.3	47.3	47.7	47.8	47.8	48.1	48.2	48.2	48.3	48.3	48.4
IV 12000	4.9	50.1	50.7	50.9	51.6	51.6	51.9	52.0	52.0	52.3	52.4	52.4	52.6	52.6	52.7
IV 10000	4.8	53.9	54.4	54.7	55.3	55.3	55.7	55.8	55.8	56.1	56.2	56.2	56.3	56.3	56.4
IV 9000	5.1	55.4	55.0	56.3	57.0	57.0	57.3	57.4	57.4	57.8	57.9	57.7	58.0	58.0	58.1
IV 8000	7.4	58.0	58.6	58.7	59.7	59.7	60.1	60.2	60.2	60.6	60.7	60.7	60.8	60.8	60.9
IV 7000	6.0	60.7	61.2	61.6	62.3	62.3	62.5	62.9	62.9	63.2	63.3	63.3	63.4	63.4	63.6
IV 6000	6.1	62.0	62.6	63.0	63.8	63.8	64.2	64.3	64.3	64.7	64.6	64.6	64.9	64.7	65.3
IV 5000	6.7	64.4	65.1	65.6	66.3	66.3	66.8	66.9	66.9	67.2	67.3	67.3	67.4	67.4	67.6
IV 4500	6.1	65.9	66.6	67.0	67.8	67.8	68.2	68.3	68.3	68.7	68.8	68.8	68.8	68.9	69.0
IV 4000	6.7	67.4	68.1	68.7	69.4	69.4	69.9	70.0	70.0	70.3	70.4	70.4	70.6	70.6	70.7
IV 3500	6.3	69.3	70.1	70.7	71.6	71.6	72.0	72.1	72.1	72.4	72.6	72.6	72.7	72.7	72.8
IV 3000	7.0	72.0	73.1	73.9	74.9	74.9	75.3	75.4	75.4	75.8	75.9	75.9	76.0	76.0	76.1
IV 2500	7.2	73.6	74.7	75.0	76.7	76.7	77.3	77.4	77.4	77.8	77.9	77.9	78.0	78.0	78.1
IV 2000	7.4	75.6	76.5	77.7	79.1	79.2	79.9	80.1	80.1	80.6	80.7	80.7	80.8	80.8	80.9
IV 1800	7.5	76.3	77.5	78.6	80.2	80.3	81.0	81.3	81.4	82.0	82.1	82.1	82.2	82.2	82.3
IV 1500	7.6	77.4	78.7	79.8	81.7	81.8	82.6	83.1	83.2	84.0	84.1	84.1	84.2	84.2	84.3
IV 1200	7.9	80.4	81.8	83.2	85.7	85.8	86.6	87.2	87.3	88.2	88.7	88.7	88.8	88.8	88.9
IV 1000	8.4	82.1	83.4	85.1	87.6	87.7	88.4	89.2	89.3	90.2	90.7	90.7	90.9	90.9	91.0
IV 900	8.9	82.6	83.9	85.8	88.2	88.3	89.2	90.0	90.1	91.0	91.4	91.4	91.7	91.7	91.8
IV 800	1.2	82.9	84.2	86.1	88.6	88.7	89.6	90.3	90.4	91.3	91.8	91.8	92.0	92.0	92.1
IV 700	1.2	83.7	85.0	86.9	89.3	89.4	90.3	91.1	91.2	92.1	92.6	92.6	92.8	92.8	92.9
IV 600	1.3	84.4	86.1	88.0	90.4	90.6	91.4	92.2	92.3	93.2	93.7	93.7	93.9	93.9	94.0
IV 500	4.1	85.3	87.7	89.7	92.1	92.2	93.1	93.9	94.0	94.9	95.3	95.3	95.6	95.6	95.7
IV 400	4.9	87.4	88.9	90.9	93.4	93.4	94.4	95.2	95.3	96.2	96.7	96.7	96.9	96.9	97.0
IV 300	5.1	87.8	89.1	91.2	93.9	94.0	95.0	95.9	96.0	96.9	97.4	97.4	97.7	97.7	97.8
IV 200	5.1	87.9	89.2	91.3	94.0	94.1	95.1	96.0	96.1	97.0	97.6	97.6	97.8	97.8	97.9
IV 100	5.1	87.9	89.2	91.3	94.0	94.1	95.1	96.0	96.1	97.0	97.6	97.6	97.8	97.8	97.9
IV 0	5.1	87.9	89.2	91.3	94.0	94.1	95.1	96.0	96.1	97.0	97.6	97.6	97.8	97.8	97.9

TOTAL NUMBER OF OBSERVATIONS 700

ATLANTA, GEORGIA
SAFETY
1000-0000

CEILING VERSUS VISIBILITY

STATION NAME: ATLANTA, GEORGIA
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
3000-0000
HOURS OF DAY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
≥ 2000	7.7	30.4	38.1	48.8	70.7	39.1	39.3	39.7	39.7	39.9	40.1	40.1	40.3	40.3	40.3	40.3
≥ 1800	1.0	61.8	42.0	42.1	42.3	42.0	42.0	43.1	43.1	43.2	43.0	43.0	43.0	43.1	43.1	43.1
≥ 1600	1.4	42.2	42.4	42.6	42.7	42.7	43.1	43.2	43.5	43.6	43.8	44.0	44.1	44.2	44.2	44.2
≥ 1400	64.4	42.2	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 1200	64.4	42.2	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 1000	1.0	51.8	52.0	52.1	52.3	52.5	52.5	53.2	53.2	53.4	53.7	53.7	53.9	53.9	53.9	53.9
≥ 900	3.7	54.6	54.8	54.9	55.1	55.1	55.7	56.1	56.0	56.2	56.4	56.4	56.7	56.7	56.7	56.7
≥ 800	5.9	57.2	57.5	57.7	58.0	58.2	58.6	58.9	58.9	59.1	59.3	59.3	59.6	59.6	59.6	59.6
≥ 700	6.3	59.6	59.9	60.1	60.4	60.7	61.0	61.3	61.3	61.6	61.6	61.6	61.9	61.9	61.9	61.9
≥ 600	6.3	60.1	60.4	60.7	61.0	61.3	61.6	61.9	61.9	62.1	62.1	62.3	62.6	62.6	62.6	62.6
≥ 500	6.9	63.0	63.4	63.8	64.1	64.4	64.8	65.1	65.1	65.3	65.6	65.6	65.8	65.8	65.8	65.8
≥ 400	6.9	65.0	65.4	65.8	66.1	66.4	66.8	67.1	67.1	67.3	67.6	67.6	67.8	67.8	67.8	67.8
≥ 300	6.9	66.7	66.8	66.9	67.4	67.7	68.2	68.6	68.6	68.8	69.0	69.0	69.2	69.2	69.2	69.2
≥ 200	6.9	68.1	68.5	68.9	69.7	70.1	70.4	70.8	70.8	71.0	71.2	71.2	71.4	71.4	71.4	71.4
≥ 100	7.0	69.7	70.0	70.9	71.6	72.3	72.3	72.8	72.8	73.0	73.2	73.2	73.4	73.4	73.4	73.4
≥ 50	7.0	71.4	72.3	72.8	73.0	74.3	74.7	75.3	75.3	75.6	75.8	75.8	76.0	76.0	76.0	76.0
≥ 25	7.0	73.3	73.3	73.9	77.3	78.3	78.3	79.0	79.0	79.4	79.7	79.7	79.9	79.9	79.9	79.9
≥ 10	7.0	75.4	76.3	76.9	78.4	79.1	79.7	80.3	80.3	80.8	81.0	81.0	81.2	81.2	81.2	81.2
≥ 5	7.0	77.2	77.7	78.3	81.0	81.7	82.3	83.1	83.1	83.9	84.1	84.1	84.3	84.3	84.3	84.3
≥ 2	7.0	80.4	81.6	82.3	84.1	84.9	85.7	86.4	86.4	87.7	87.9	87.9	88.1	88.1	88.1	88.1
≥ 1	7.0	81.8	82.9	83.7	85.4	86.2	87.3	88.1	88.1	89.6	89.8	89.8	90.0	90.0	90.0	90.0
≥ 0.5	7.0	83.3	84.1	85.1	87.0	87.7	88.5	88.5	88.6	90.0	90.2	90.2	90.4	90.4	90.4	90.4
≥ 0.25	7.0	85.0	85.0	85.0	87.0	88.5	89.8	90.6	90.6	92.0	92.2	92.2	92.4	92.4	92.4	92.4
≥ 0.15	7.0	86.4	86.6	86.3	88.1	89.1	90.6	91.3	91.3	92.8	93.0	93.0	93.2	93.2	93.2	93.2
≥ 0.1	7.0	87.7	88.8	89.6	89.0	90.6	92.0	92.8	92.8	94.2	94.4	94.4	94.7	94.7	94.7	94.7
≥ 0.05	7.0	89.0	89.0	89.0	91.0	92.0	93.4	94.2	94.2	95.7	95.9	95.9	96.1	96.1	96.1	96.1
≥ 0.025	7.0	90.4	90.4	90.4	92.0	93.4	94.4	95.2	95.2	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 0.01	7.0	91.1	91.1	91.1	93.0	94.4	95.0	96.7	96.7	98.4	98.8	98.8	99.0	99.0	99.0	99.0
≥ 0.005	7.0	91.1	91.1	91.1	93.0	94.4	95.0	96.7	96.7	98.4	98.8	98.8	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

700

DATE: 11/11/1964
TO: SAC, NEW YORK
FROM: SAC, NEW YORK
SUBJECT: [REDACTED]

CEILING VERSUS VISIBILITY

STATION NAME 57-00 YEARS 1 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0.00-0.00
HOURS PER DAY

		VISIBILITY STATUTE MILES																
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
MVA	8000	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	30.9	30.6	30.7	37.1	37.1	37.2	37.2	37.3	37.3
	6000	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	30.9	30.6	30.7	37.1	37.1	37.2	37.2	37.3	37.3
MVA	14000	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.6	45.8	45.9	46.0	46.4	46.4	46.6	46.6	46.7	46.7
	12000	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.6	45.8	45.9	46.0	46.4	46.4	46.6	46.6	46.7	46.7
MVA	13000	50.1	50.3	50.5	50.7	50.9	51.1	51.3	51.5	51.7	51.9	52.1	52.3	52.5	52.7	52.9	53.1	53.3
	9000	50.2	50.4	50.6	50.8	51.0	51.2	51.4	51.6	51.8	52.0	52.2	52.4	52.6	52.8	53.0	53.2	53.4
MVA	8000	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1	72.3	72.5	72.7	72.9	73.1	73.3	73.5	73.7	73.9
	7000	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1	72.3	72.5	72.7	72.9	73.1	73.3	73.5	73.7	73.9
MVA	6000	81.1	81.3	81.5	81.7	81.9	82.1	82.3	82.5	82.7	82.9	83.1	83.3	83.5	83.7	83.9	84.1	84.3
	5000	81.1	81.3	81.5	81.7	81.9	82.1	82.3	82.5	82.7	82.9	83.1	83.3	83.5	83.7	83.9	84.1	84.3
MVA	4000	90.9	91.1	91.3	91.5	91.7	91.9	92.1	92.3	92.5	92.7	92.9	93.1	93.3	93.5	93.7	93.9	94.1
	3000	90.9	91.1	91.3	91.5	91.7	91.9	92.1	92.3	92.5	92.7	92.9	93.1	93.3	93.5	93.7	93.9	94.1
MVA	2000	100.7	100.9	101.1	101.3	101.5	101.7	101.9	102.1	102.3	102.5	102.7	102.9	103.1	103.3	103.5	103.7	103.9
	1500	100.7	100.9	101.1	101.3	101.5	101.7	101.9	102.1	102.3	102.5	102.7	102.9	103.1	103.3	103.5	103.7	103.9
MVA	1200	110.7	110.9	111.1	111.3	111.5	111.7	111.9	112.1	112.3	112.5	112.7	112.9	113.1	113.3	113.5	113.7	113.9
	1000	110.7	110.9	111.1	111.3	111.5	111.7	111.9	112.1	112.3	112.5	112.7	112.9	113.1	113.3	113.5	113.7	113.9
MVA	900	120.7	120.9	121.1	121.3	121.5	121.7	121.9	122.1	122.3	122.5	122.7	122.9	123.1	123.3	123.5	123.7	123.9
	800	120.7	120.9	121.1	121.3	121.5	121.7	121.9	122.1	122.3	122.5	122.7	122.9	123.1	123.3	123.5	123.7	123.9
MVA	700	130.7	130.9	131.1	131.3	131.5	131.7	131.9	132.1	132.3	132.5	132.7	132.9	133.1	133.3	133.5	133.7	133.9
	600	130.7	130.9	131.1	131.3	131.5	131.7	131.9	132.1	132.3	132.5	132.7	132.9	133.1	133.3	133.5	133.7	133.9
MVA	500	140.7	140.9	141.1	141.3	141.5	141.7	141.9	142.1	142.3	142.5	142.7	142.9	143.1	143.3	143.5	143.7	143.9
	400	140.7	140.9	141.1	141.3	141.5	141.7	141.9	142.1	142.3	142.5	142.7	142.9	143.1	143.3	143.5	143.7	143.9
MVA	300	150.7	150.9	151.1	151.3	151.5	151.7	151.9	152.1	152.3	152.5	152.7	152.9	153.1	153.3	153.5	153.7	153.9
	200	150.7	150.9	151.1	151.3	151.5	151.7	151.9	152.1	152.3	152.5	152.7	152.9	153.1	153.3	153.5	153.7	153.9
MVA	100	160.7	160.9	161.1	161.3	161.5	161.7	161.9	162.1	162.3	162.5	162.7	162.9	163.1	163.3	163.5	163.7	163.9
	0	160.7	160.9	161.1	161.3	161.5	161.7	161.9	162.1	162.3	162.5	162.7	162.9	163.1	163.3	163.5	163.7	163.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
NATIONAL SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: MITCHELL AFB, MT
STATION NAME: MITCHELL AFB, MT

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-20-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 20000	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 18000	40.6	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 16000	40.6	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 14000	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 12000	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 10000	55.2	55.8	55.9	55.9	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 9000	59.4	60.1	60.2	60.2	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 8000	61.8	62.4	62.7	62.7	62.9	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 7000	63.3	64.0	64.2	64.4	64.7	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	64.1	64.8	65.0	65.3	65.6	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 5000	67.3	68.3	68.6	68.9	69.2	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 4500	69.9	70.9	71.1	71.4	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4000	71.7	73.0	73.4	73.8	74.3	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 3500	73.9	75.7	76.1	76.4	77.1	77.1	77.6	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	76.7	78.6	79.1	79.8	80.8	80.8	81.2	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1
IV 2500	77.7	79.9	80.7	81.3	82.4	82.6	83.1	83.8	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 2000	80.8	83.2	84.0	84.8	85.9	86.0	86.7	87.8	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.6
IV 1800	81.1	83.8	84.6	85.3	86.4	86.6	87.3	88.6	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	82.6	85.4	86.2	87.1	88.4	88.6	89.3	90.7	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	84.0	86.9	87.7	88.6	90.0	90.1	91.0	92.4	92.6	93.1	93.6	93.6	93.6	93.6	93.6	93.6
IV 1000	84.4	87.4	88.4	89.3	90.8	90.9	91.8	93.2	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	85.0	88.0	89.0	90.0	91.4	91.6	92.4	93.9	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	85.2	88.6	89.6	90.8	92.4	92.6	93.4	95.0	95.1	95.9	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	86.2	89.6	90.8	91.8	93.6	93.7	94.6	96.1	96.2	97.0	97.9	97.9	97.9	97.9	97.9	97.9
IV 600	86.4	89.8	91.1	92.1	93.9	94.0	94.9	96.4	96.6	97.3	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	86.8	90.4	91.9	92.9	94.7	94.8	95.7	97.2	97.3	98.1	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	87.1	90.8	92.2	93.2	95.0	95.1	96.0	97.6	97.7	98.6	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	87.1	90.8	92.2	93.2	95.0	95.1	96.1	97.7	97.8	98.7	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	87.1	90.8	92.2	93.2	95.0	95.1	96.2	97.9	97.9	98.8	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	87.1	90.8	92.2	93.2	95.0	95.1	96.2	97.9	97.9	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	87.1	90.8	92.2	93.2	95.0	95.1	96.2	97.9	97.9	98.8	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
 15 AUG 1967
 1 - TABLE 1 - 1007-10

CEILING VERSUS VISIBILITY

STATION NAME: WITNESS, VT. UNIT: SPT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-60-2000
 HOURS: 11.5

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½
NO CEILING	34.7	34.7	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 20000	39.7	39.7	39.1	39.1	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 18000	39.7	39.7	39.2	39.2	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 16000	41.1	41.1	41.2	41.2	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 14000	46.3	46.3	46.3	46.3	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 12000	50.9	50.9	50.9	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 10000	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 8000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 7000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 6000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 5000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4500	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 3500	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 3000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 2500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 1800	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 1500	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 1200	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 1000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 900	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 800	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 700	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 600	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 400	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 300	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 200	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 100	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS: 900

2

ATA PRODUCTION DIVISION
SAC ETAC
100 FEET OR MORE/1AC

CEILING VERSUS VISIBILITY

STATION WITCHAMSE VT. APT DATE 27-66

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	34.1 37.9	34.2 38.0	34.3 38.2	34.7 38.6	35.0 38.9	35.0 38.9	35.0 38.9	35.0 38.9	35.0 38.9	35.0 38.9	35.1 39.0	35.1 39.0	35.2 39.1	35.6 39.4	35.6 39.4	35.6 39.4
IV 18000	37.9 36.0	38.0 36.1	38.2 36.3	38.6 36.7	38.9 39.0	38.9 39.0	38.9 39.0	38.9 39.0	38.9 39.0	38.9 39.0	39.0 39.1	39.0 39.1	39.1 39.2	39.4 39.6	39.4 39.6	39.4 39.6
IV 14000	39.7 44.0	39.8 44.1	40.2 44.6	40.6 44.9	40.9 45.2	40.9 45.2	40.9 45.2	40.9 45.2	40.9 45.2	40.9 45.2	41.0 45.3	41.0 45.3	41.1 45.4	41.4 45.8	41.4 45.8	41.4 45.8
IV 12000	49.1 51.7	49.2 51.9	49.7 52.3	50.0 52.7	50.3 53.0	50.3 53.0	50.6 53.3	50.6 53.3	50.6 53.3	50.6 53.3	50.7 53.4	50.7 53.4	50.8 53.6	51.1 53.9	51.1 53.9	51.1 53.9
IV 10000	53.4 56.2	54.0 56.9	54.4 57.3	54.8 57.7	55.1 58.0	55.1 58.0	55.4 58.3	55.4 58.3	55.4 58.3	55.4 58.3	55.6 58.4	55.6 58.4	55.7 58.6	56.0 58.9	56.0 58.9	56.0 58.9
IV 8000	57.8 59.9	58.6 60.8	59.0 61.2	59.6 61.9	60.0 62.4	60.0 62.4	60.3 62.8	60.3 62.8	60.3 62.8	60.3 62.8	60.4 62.9	60.4 62.9	60.6 63.0	60.9 63.3	60.9 63.3	60.9 63.3
IV 6000	61.2 63.3	62.1 64.7	62.6 65.3	63.3 66.1	63.9 66.7	63.9 66.7	64.2 67.0	64.2 67.0	64.2 67.0	64.2 67.0	64.3 67.1	64.3 67.1	64.4 67.2	64.8 67.6	64.8 67.6	64.8 67.6
IV 4500	65.3 68.1	67.1 70.0	68.0 70.9	68.8 71.7	69.4 72.7	69.4 72.7	69.8 73.0	69.8 73.1	69.8 73.1	69.8 73.1	69.9 73.2	69.9 73.2	70.0 73.3	70.3 73.7	70.3 73.7	70.3 73.7
IV 3500	72.7 71.7	71.6 73.8	72.7 74.9	73.4 76.1	74.6 78.0	74.6 78.0	75.1 78.7	75.3 79.2	75.3 79.2	75.3 79.3	75.4 79.4	75.4 79.4	75.6 79.6	75.9 79.9	75.9 79.9	75.9 79.9
IV 2500	72.1 74.0	74.2 76.1	75.3 77.2	76.6 78.9	78.0 80.9	78.0 80.9	78.7 81.1	79.2 81.8	79.8 82.6	79.8 82.6	79.9 82.7	80.0 82.9	80.0 82.9	80.1 83.0	80.4 83.3	80.4 83.3
IV 1800	74.0 76.6	76.1 78.7	77.2 79.9	78.9 81.4	80.9 83.6	80.9 83.6	81.1 83.8	81.8 84.6	82.6 85.3	82.6 85.3	82.7 85.6	82.9 86.1	82.9 86.1	83.0 86.2	83.3 86.6	83.3 86.6
IV 1500	76.6 78.2	78.7 80.6	79.9 81.8	81.4 83.3	83.6 85.4	83.6 85.4	83.8 85.7	84.6 86.6	85.3 87.3	85.3 87.3	85.6 87.6	86.1 88.4	86.1 88.4	86.2 88.7	86.6 89.0	86.6 89.0
IV 1200	78.2 79.7	80.6 82.1	81.8 83.3	83.3 85.0	85.4 87.1	85.4 87.1	85.7 87.3	86.6 88.2	87.3 89.0	87.3 89.0	87.6 89.2	88.4 90.1	88.4 90.1	88.7 90.3	89.0 90.7	89.0 90.7
IV 900	79.7 81.2	82.1 83.6	83.3 85.0	85.0 86.1	87.1 88.3	87.1 88.3	87.3 88.2	88.2 89.0	89.0 90.0	89.0 90.0	89.2 90.2	90.1 91.1	90.1 91.1	90.3 91.3	90.7 91.7	90.7 91.7
IV 800	81.2 82.0	83.6 84.6	85.0 85.8	86.1 87.4	88.3 89.6	88.3 89.6	88.2 89.8	89.0 90.7	90.0 91.4	90.0 91.4	90.2 91.7	91.1 92.6	91.1 92.6	91.3 92.8	91.7 93.1	91.7 93.1
IV 700	82.0 83.4	84.6 86.3	85.8 87.7	87.4 89.6	89.6 91.9	89.6 91.9	89.8 92.1	90.7 93.0	91.4 93.7	91.4 93.7	91.7 94.1	92.6 95.0	92.6 95.0	92.8 95.2	93.1 95.7	93.1 95.7
IV 600	83.4 84.6	86.3 87.0	87.7 88.4	89.6 90.4	91.9 93.0	91.9 93.0	92.1 93.2	93.0 94.6	93.7 95.3	93.7 95.3	94.1 95.8	95.0 96.7	95.0 96.7	95.2 96.9	95.7 97.3	95.7 97.3
IV 500	84.6 85.8	87.0 87.7	88.4 89.6	90.4 90.7	93.0 93.2	93.0 93.2	93.2 94.9	94.6 95.8	95.3 96.9	95.3 96.9	95.8 96.4	96.7 97.4	96.7 97.4	96.9 97.7	97.3 98.1	97.3 98.1
IV 400	85.8 86.8	87.7 88.8	89.6 90.9	90.7 93.4	93.2 93.9	93.2 93.9	94.9 95.2	95.8 96.2	96.9 96.3	96.9 96.3	96.4 96.9	97.4 98.0	97.4 98.0	97.7 98.3	98.1 98.8	98.1 98.8
IV 300	86.8 87.2	88.8 88.8	90.9 90.9	93.4 93.4	93.9 93.9	93.9 93.9	95.2 95.2	96.2 96.2	96.3 96.3	96.3 96.3	96.9 96.9	98.0 98.0	98.0 98.0	98.3 98.3	98.8 98.8	98.8 98.8
IV 200	87.2 87.2	88.8 88.8	90.9 90.9	93.4 93.4	93.9 93.9	93.9 93.9	95.2 95.2	96.2 96.2	96.3 96.3	96.3 96.3	96.9 96.9	98.0 98.0	98.0 98.0	98.3 98.3	98.8 98.8	98.8 98.8
IV 100	87.2 87.2	88.8 88.8	90.9 90.9	93.4 93.4	93.9 93.9	93.9 93.9	95.2 95.2	96.2 96.2	96.3 96.3	96.3 96.3	96.9 96.9	98.0 98.0	98.0 98.0	98.3 98.3	98.8 98.8	98.8 98.8
IV 0	87.2 87.2	88.8 88.8	90.9 90.9	93.4 93.4	93.9 93.9	93.9 93.9	95.2 95.2	96.2 96.2	96.3 96.3	96.3 96.3	96.9 96.9	98.0 98.0	98.0 98.0	98.3 98.3	98.8 98.8	98.8 98.8

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
USAF EATC SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 15210 HILTON ROSE VT T APT
STATION NAME

57-66

YEARS

1 FC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0670-0200
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	7.6	37.6	38.2	38.4	39.9	39.7	40.6	41.2	41.3	41.6	41.9	42.3	42.0	42.0	42.3	42.3
IV 25000	44.1	44.6	44.9	45.7	46.0	46.8	47.7	48.2	48.3	48.6	48.9	49.2	49.0	49.0	49.2	49.2
IV 18000	44.2	44.7	45.1	45.8	46.0	46.9	47.3	48.3	48.4	48.7	49.0	49.1	49.1	49.1	49.4	49.4
IV 16000	44.4	44.7	45.3	46.0	47.1	47.1	48.1	48.5	48.6	48.9	49.2	49.4	49.4	49.4	49.8	49.6
IV 14000	46.2	45.6	47.2	46.1	49.1	49.1	50.1	50.5	50.6	51.0	51.3	51.4	51.4	51.4	51.6	51.6
IV 12000	47.0	51.2	51.8	52.7	53.8	53.8	54.7	55.2	55.3	55.6	55.9	56.2	56.0	56.0	56.2	56.2
IV 10000	56.0	56.6	57.1	58.1	59.4	59.4	60.3	60.7	60.9	61.2	61.3	61.6	61.6	61.6	61.6	61.6
IV 9000	59.4	60.0	60.5	61.5	62.4	62.8	63.8	64.2	64.3	64.6	64.9	65.1	65.1	65.1	65.3	65.3
IV 8000	61.3	62.7	62.7	63.7	64.9	64.9	65.9	66.3	66.5	66.8	67.1	67.2	67.2	67.2	67.4	67.4
IV 7000	62.8	63.6	64.4	65.4	66.9	66.9	68.0	68.4	68.5	68.8	69.1	69.2	69.2	69.2	69.5	69.5
IV 6000	63.2	64.2	64.8	65.9	67.5	67.5	68.6	69.0	69.1	69.5	69.8	69.9	69.9	69.9	70.1	70.1
IV 5000	64.9	65.2	67.1	68.3	69.9	69.9	71.0	71.4	71.5	71.8	72.2	72.3	72.3	72.3	72.5	72.5
IV 4500	65.4	66.7	67.5	68.7	70.3	70.3	71.4	71.8	71.9	72.3	72.6	72.7	72.7	72.7	72.9	72.9
IV 4000	66.7	68.3	69.4	70.6	72.6	72.6	73.7	74.1	74.2	74.5	74.8	74.9	74.9	74.9	75.2	75.2
IV 3500	67.1	69.0	70.2	71.5	73.5	73.5	74.6	75.1	75.2	75.5	75.8	75.9	75.9	75.9	76.1	76.1
IV 3000	68.3	70.4	71.8	73.2	76.0	76.0	77.3	77.7	77.8	78.2	78.5	78.6	78.6	78.6	78.8	78.8
IV 2500	70.1	72.4	74.2	75.6	78.5	78.6	80.1	80.5	81.0	81.3	81.6	81.7	81.7	81.7	81.9	81.9
IV 2000	72.0	75.3	76.8	78.3	81.7	81.9	84.2	85.5	85.6	85.9	86.2	86.3	86.3	86.3	86.6	86.6
IV 1800	72.4	75.7	77.2	78.7	82.3	82.4	84.7	86.0	86.1	86.5	87.0	87.1	87.1	87.1	87.3	87.3
IV 1500	72.9	76.2	77.7	79.5	83.1	83.3	85.6	87.4	87.5	87.8	88.4	88.5	88.5	88.5	88.7	88.7
IV 1200	74.3	78.1	79.6	81.4	85.1	85.3	87.8	89.9	90.1	90.5	91.1	91.2	91.2	91.2	91.4	91.4
IV 1000	74.9	79.1	81.0	82.3	86.1	86.3	88.9	91.1	91.3	91.7	92.3	92.4	92.4	92.4	92.6	92.6
IV 900	75.4	79.6	81.1	82.9	86.6	86.8	89.4	91.5	91.7	92.2	92.8	92.9	92.9	92.9	93.1	93.1
IV 800	75.7	79.6	81.6	83.2	86.9	87.1	89.8	91.9	92.2	92.6	93.3	93.4	93.4	93.4	93.7	93.7
IV 700	76.2	80.5	82.2	84.7	87.6	87.8	90.5	92.7	92.9	93.4	94.2	94.3	94.3	94.3	94.5	94.5
IV 600	76.7	81.1	82.8	84.8	88.5	88.7	91.6	93.5	93.8	94.3	95.1	95.2	95.2	95.2	95.4	95.4
IV 500	77.2	81.7	83.5	85.6	89.2	89.6	92.3	94.4	94.6	95.2	95.9	96.0	96.0	96.0	96.2	96.2
IV 400	77.4	81.9	84.0	86.1	89.8	90.1	92.9	95.1	95.4	95.9	96.7	96.8	96.8	96.8	97.0	97.0
IV 300	77.7	82.4	84.4	86.6	90.3	90.6	93.5	95.7	96.0	96.6	97.3	97.4	97.4	97.4	97.7	97.7
IV 200	77.8	82.6	84.6	86.8	90.5	90.9	93.8	96.2	96.7	97.2	98.0	98.1	98.1	98.1	98.5	98.5
IV 100	77.8	82.6	84.6	86.8	90.5	90.9	93.8	96.2	96.7	97.2	98.0	98.1	98.1	98.1	98.5	98.5
IV 0	77.6	82.6	84.6	86.8	90.5	90.9	94.1	96.3	97.2	97.8	98.5	98.7	98.7	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

730

DATA PROCESSING DIVISION
SAFETY
AIR FORCE - VICTOR

CEILING VERSUS VISIBILITY

STATION 06200
STATION NAME 017-66

YEARS 03-00-05-00

MONTH

03-00-05-00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03-00-05-00

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	49.0	40.0	41.1	41.4	41.4	41.5	42.2	42.5	42.6	42.7	42.9	42.9	42.9	42.9	43.0	44.0
IV 22000	43.8	44.2	45.3	45.6	46.0	46.0	46.2	46.7	46.8	47.1	47.1	47.1	47.1	47.1	47.2	47.2
IV 18000	43.8	44.2	45.3	45.6	46.0	46.0	46.2	46.7	46.8	47.1	47.1	47.1	47.1	47.1	47.2	47.2
IV 16000	44.0	44.4	45.5	45.8	46.2	46.2	46.4	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.4	47.4
IV 14000	46.0	46.5	47.6	48.0	48.4	48.4	48.7	49.1	49.2	49.6	49.6	49.6	49.6	49.6	49.7	49.7
IV 12000	51.5	52.0	53.1	53.7	54.1	54.1	54.4	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.4	55.4
IV 10000	55.4	56.5	57.7	58.2	58.6	58.6	58.9	59.5	59.6	59.9	59.9	59.9	59.9	59.9	60.0	60.0
IV 9000	60.2	60.9	62.3	62.7	63.1	63.1	63.4	64.0	64.1	64.4	64.4	64.4	64.4	64.4	64.5	64.5
IV 8000	63.1	64.0	65.4	65.9	66.3	66.3	66.5	67.4	67.5	67.8	67.8	67.8	67.8	67.8	68.0	68.0
IV 7000	64.9	66.0	67.5	68.1	68.5	68.5	68.9	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.1	70.1
IV 6000	64.9	66.1	67.7	68.3	68.8	68.8	69.4	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4
IV 5000	66.8	68.2	69.9	70.4	71.0	71.1	71.9	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.6	72.6
IV 4500	67.3	68.8	70.5	71.1	71.6	71.7	72.2	72.7	72.8	73.1	73.1	73.1	73.1	73.1	73.2	73.2
IV 4000	67.8	69.9	71.7	72.4	73.0	73.2	73.7	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.7	74.7
IV 3500	68.4	70.6	72.5	73.7	74.3	74.5	75.1	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1
IV 3000	69.3	71.7	73.7	75.3	76.1	76.3	77.0	77.5	77.6	78.0	78.0	78.0	78.0	78.0	78.1	78.1
IV 2500	70.1	72.4	74.4	76.1	77.0	77.3	78.5	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.1	80.1
IV 2000	71.8	74.5	76.7	78.8	79.7	80.0	81.4	82.4	82.9	83.4	83.4	83.4	83.4	83.4	83.5	83.5
IV 1800	72.4	75.1	77.2	79.4	80.2	80.8	82.5	84.4	84.6	85.2	85.2	85.2	85.2	85.2	85.3	85.3
IV 1500	73.1	75.8	78.0	80.1	81.1	81.6	83.7	85.6	85.8	86.5	86.5	86.5	86.5	86.5	86.6	86.6
IV 1200	75.3	78.2	80.4	82.6	83.5	84.1	86.2	88.7	88.9	89.8	89.9	89.9	89.9	90.0	90.1	90.1
IV 1000	75.7	78.7	81.1	83.2	84.3	84.8	87.0	89.9	90.3	91.3	91.4	91.4	91.5	91.5	91.6	91.6
IV 900	76.3	79.4	81.7	83.9	84.9	85.5	87.6	90.6	91.1	92.0	92.2	92.2	92.3	92.3	92.4	92.4
IV 800	76.7	79.7	82.0	84.2	85.3	85.8	88.5	91.6	92.0	93.0	93.1	93.1	93.2	93.2	93.3	93.3
IV 700	76.8	79.8	82.2	84.3	85.4	85.9	88.6	91.7	92.2	93.1	93.2	93.2	93.3	93.3	93.4	93.4
IV 600	77.3	81.0	83.3	85.7	86.9	87.4	90.1	93.2	93.7	94.6	94.8	94.8	94.9	94.9	95.1	95.1
IV 500	77.5	81.4	83.8	86.1	87.4	88.1	90.9	94.0	94.4	95.4	95.6	95.6	95.7	95.7	95.8	95.8
IV 400	78.0	82.0	84.5	86.9	88.2	88.8	91.6	94.7	95.2	96.1	96.3	96.3	96.5	96.5	96.6	96.6
IV 300	78.3	82.7	85.3	87.6	88.9	89.6	92.5	95.6	96.0	97.4	97.6	97.6	97.7	97.7	97.8	97.8
IV 200	78.3	82.7	85.3	87.7	89.2	89.9	92.8	95.9	96.3	97.8	98.1	98.1	98.2	98.2	98.6	98.6
IV 100	78.3	82.7	85.3	87.7	89.2	89.9	92.8	95.9	96.3	98.1	98.4	98.4	98.5	98.5	98.9	99.1
IV 0	78.3	82.7	85.3	87.7	89.2	89.9	92.8	95.9	96.3	98.1	98.4	98.4	98.5	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

7.10

ATC PROCESSING DIVISION
 USAF ETAC
 INSTRUCTIONS FOR USER/ACC

CEILING VERSUS VISIBILITY

STATION 26310 DATE 01-05-66 STATION NAME 57-66 YEARS MONTH 01
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 01-00-0200
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	34.3	35.2	35.7	36.1	36.5	36.6	37.0	37.3	37.3	37.8	38.0	38.0	38.7	38.7	38.8	38.8
IV 18000	30.6	30.5	40.0	40.4	40.9	41.0	41.4	41.7	41.7	42.3	42.4	42.4	43.1	43.1	43.2	43.2
IV 16000	30.6	30.5	40.0	40.4	40.9	41.0	41.4	41.7	41.7	42.3	42.4	42.4	43.1	43.1	43.2	43.2
IV 14000	40.5	41.4	41.9	42.5	42.9	43.0	43.4	43.7	43.8	44.3	44.5	44.5	45.3	45.3	45.4	45.4
IV 12000	47.0	47.6	48.6	49.1	49.6	49.7	50.1	50.4	50.4	51.0	51.2	51.2	51.9	51.9	52.0	52.0
IV 10000	53.8	55.1	55.8	56.3	56.9	57.0	57.4	57.8	57.8	58.4	58.6	58.6	59.4	59.4	59.5	59.5
IV 9000	57.4	58.7	59.5	60.0	60.5	60.6	61.1	61.5	61.5	62.0	62.3	62.3	63.0	63.0	63.1	63.1
IV 8000	60.1	61.6	62.4	63.2	63.9	64.2	64.6	65.1	65.1	65.6	65.8	65.8	66.6	66.6	66.7	66.7
IV 7000	62.6	64.1	64.9	65.9	66.7	67.0	67.5	68.0	68.0	68.5	68.7	68.7	69.5	69.5	69.6	69.6
IV 6000	63.1	64.6	65.5	66.5	67.2	67.5	68.1	68.5	68.5	69.0	69.2	69.2	70.0	70.0	70.1	70.1
IV 5000	64.5	66.1	67.1	68.2	69.0	69.4	69.9	70.3	70.3	70.9	71.1	71.1	71.8	71.8	71.9	71.9
IV 4500	65.1	66.8	67.7	68.8	69.7	70.0	70.5	71.0	71.0	71.5	71.7	71.7	72.5	72.5	72.6	72.6
IV 4000	66.5	68.7	69.9	71.0	71.9	72.3	72.8	73.2	73.2	73.8	74.0	74.0	74.7	74.7	74.8	74.8
IV 3500	67.0	69.7	71.1	72.4	73.5	73.9	74.5	74.9	74.9	75.5	75.7	75.7	76.5	76.5	76.6	76.6
IV 3000	67.7	70.6	72.3	73.9	75.2	75.7	76.3	76.8	76.8	77.3	77.6	77.6	78.4	78.4	78.5	78.5
IV 2500	68.3	71.6	73.4	75.2	76.6	77.4	78.2	78.7	78.7	79.2	79.6	79.6	80.3	80.3	80.4	80.4
IV 2000	69.4	73.1	74.9	76.8	78.3	79.2	80.0	80.8	80.8	81.4	81.7	81.7	82.5	82.5	82.6	82.6
IV 1800	69.9	73.7	75.5	77.3	78.9	79.9	80.6	81.7	81.8	82.6	82.9	82.9	83.7	83.7	83.8	83.8
IV 1500	71.3	75.1	77.0	78.8	80.5	81.5	82.7	84.0	84.1	84.9	85.4	85.4	86.1	86.1	86.2	86.2
IV 1200	71.8	75.6	77.5	79.4	81.2	82.3	83.5	84.9	85.3	86.1	86.6	86.6	87.3	87.3	87.4	87.4
IV 1000	73.7	77.3	79.2	81.3	83.1	84.2	85.5	87.1	87.4	88.4	88.8	88.8	89.6	89.6	89.7	89.7
IV 900	74.2	78.0	79.9	81.9	83.8	84.8	86.2	88.1	88.4	89.4	89.8	89.8	90.5	90.5	90.6	90.6
IV 800	74.5	78.4	80.3	82.4	84.3	85.4	86.9	88.9	89.2	90.2	90.6	90.6	91.4	91.4	91.5	91.5
IV 700	75.1	78.9	80.9	82.9	84.8	85.9	87.4	89.5	89.8	90.8	91.2	91.2	91.9	91.9	92.0	92.0
IV 600	76.3	80.5	82.5	84.7	86.9	88.0	89.5	91.6	91.9	92.9	93.3	93.3	94.1	94.2	94.3	94.3
IV 500	76.7	81.0	83.0	85.3	87.4	88.5	90.0	92.2	92.7	93.8	94.3	94.3	95.1	95.2	95.3	95.3
IV 400	76.9	81.5	83.5	85.8	88.0	89.0	90.6	92.8	93.3	94.4	95.1	95.1	95.8	95.9	96.0	96.0
IV 300	77.3	82.2	84.3	86.6	88.7	89.8	91.4	93.8	94.3	95.4	96.0	96.0	97.2	97.3	97.4	97.4
IV 200	77.3	82.4	84.6	87.1	89.4	90.3	91.9	94.4	94.9	96.1	96.8	96.8	98.2	98.3	98.4	98.4
IV 100	77.3	82.4	84.7	87.2	89.4	90.4	92.0	94.5	95.4	96.7	97.3	97.3	98.8	99.0	99.0	99.0
IV 0	77.3	82.4	84.7	87.2	89.4	90.4	92.0	94.5	95.4	96.8	97.4	97.4	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

DATA PROCESSING DIVISION
SAFETY
ED. DATE: 1.10.70

CEILING VERSUS VISIBILITY

STATION NAME: CITY OF NEW YORK

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5:00-1:00
AQUA IL FLY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.4	40.4	30.4	30.6	30.9	30.9	31.1	31.7	31.3	31.5	41.6	31.7	37.4	37.7	33.1	33.1
≥ 20000	50.6	37.6	37.9	38.3	38.3	38.5	38.7	38.9	38.9	39.1	39.6	39.6	40.2	40.5	40.7	41.7
IV 18000	50.9	38.3	38.3	38.7	38.9	38.9	39.1	39.4	39.4	39.6	40.0	40.0	40.6	41.0	41.3	42.2
IV 16000	47.1	38.5	38.5	38.9	39.1	39.1	39.4	39.5	39.6	39.6	40.2	40.2	40.9	41.2	41.3	42.4
IV 14000	45.2	41.6	41.6	42.2	42.4	42.4	42.0	42.2	42.8	43.0	43.4	43.4	44.1	44.4	44.7	45.5
IV 12000	45.1	47.6	47.6	48.2	48.0	48.0	48.6	49.1	49.1	49.4	49.8	49.8	50.4	50.4	51.1	51.3
IV 10000	53.0	54.6	54.9	55.5	56.1	56.1	56.6	56.7	56.9	57.1	57.5	57.5	58.2	58.5	58.8	59.7
IV 9000	7.7	57.7	59.9	61.6	61.3	61.4	62.0	62.4	62.4	62.6	63.0	63.0	63.7	64.0	64.3	65.2
IV 8000	42.0	64.6	65.1	65.9	66.6	66.6	67.4	67.5	67.6	68.1	68.5	68.5	69.1	69.5	69.8	70.6
IV 7000	52.9	65.8	66.0	67.0	67.7	68.1	68.9	69.6	69.6	69.8	70.2	70.2	71.0	71.3	71.6	72.5
IV 6000	63.6	66.7	66.9	67.8	68.6	68.9	69.8	70.4	70.4	70.6	71.1	71.1	71.8	72.2	72.5	73.3
IV 5000	66.0	68.9	69.1	70.1	71.0	71.3	72.2	72.5	72.8	73.2	73.8	73.8	74.5	74.8	75.2	76.3
IV 4500	65.3	69.4	69.7	70.6	71.5	71.8	72.7	73.3	73.3	73.8	74.3	74.3	75.1	75.4	75.7	76.4
IV 4000	68.1	71.1	71.3	72.5	73.7	74.1	74.9	75.7	75.7	76.1	76.8	76.8	77.5	77.8	78.2	79.1
IV 3500	69.7	71.9	72.3	73.5	74.8	75.3	76.1	76.9	76.9	77.3	78.0	78.4	78.7	79.3	79.4	80.2
IV 3000	9.9	71.3	74.0	75.5	77.1	77.6	78.8	79.7	79.7	80.1	80.8	80.8	81.5	81.8	82.2	83.0
IV 2500	76.0	73.5	74.2	75.9	77.7	78.4	79.7	80.6	80.6	81.1	81.9	81.9	82.7	83.0	83.3	84.2
IV 2000	71.7	74.6	75.3	77.1	79.1	79.7	81.1	82.3	82.3	82.9	83.8	83.8	84.6	84.9	85.3	86.1
IV 1800	71.7	75.4	76.8	77.8	79.0	80.4	81.8	83.0	83.0	83.8	84.6	84.6	85.5	85.8	86.1	87.0
IV 1500	73.0	76.7	77.4	79.2	81.2	81.8	83.2	84.4	84.4	85.3	86.5	86.5	87.3	87.6	88.0	88.4
IV 1200	73.6	77.5	78.3	80.1	82.3	82.9	84.4	85.6	85.6	86.5	87.7	87.7	88.6	88.9	89.2	90.1
IV 1000	74.6	78.6	79.7	81.7	83.9	84.5	86.0	87.4	87.4	88.4	89.9	89.9	90.8	91.1	91.4	92.3
IV 900	75.4	79.5	80.7	82.3	84.4	84.1	86.6	88.1	88.1	89.0	90.6	90.6	91.5	91.8	92.2	93.1
IV 800	76.1	80.2	81.0	83.0	85.2	85.8	87.3	88.8	88.8	89.8	91.6	91.6	92.5	92.8	93.1	94.0
IV 700	76.5	80.5	81.4	83.8	85.9	86.6	88.1	89.6	89.6	90.8	92.6	92.6	93.4	93.8	94.1	94.9
IV 600	76.6	80.8	81.6	84.1	86.5	87.1	88.6	90.3	90.3	91.4	93.2	93.2	94.1	94.5	94.8	95.7
IV 500	77.0	81.3	82.4	84.8	87.3	88.0	89.5	91.3	91.3	92.4	94.2	94.2	95.4	95.9	96.2	97.1
IV 400	77.1	81.4	82.6	85.2	87.6	88.3	89.9	91.6	91.8	92.9	94.7	94.7	96.0	96.5	96.9	97.7
IV 300	77.1	81.4	82.6	85.2	87.6	88.4	90.0	91.9	91.9	93.1	94.9	94.9	96.5	96.9	97.3	98.2
IV 200	77.1	81.4	82.6	85.2	87.8	88.6	90.2	92.2	92.2	93.4	95.4	95.4	97.2	97.6	98.1	99.0
IV 100	77.1	81.4	82.6	85.2	87.8	88.6	90.2	92.2	92.2	93.5	95.6	95.6	97.6	98.3	98.7	99.7
IV 0	77.1	81.4	82.6	85.2	87.8	88.6	90.2	92.2	92.2	93.5	95.6	95.6	97.6	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR PLANT ENR MTG/ALC

CEILING VERSUS VISIBILITY

STATION: WITCOMBSE MT GLETT AFB

57-65

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1236-1400
HOURS IL E.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.3	33.0	33.1	33.4	33.4	33.4	33.5	33.7	33.8	33.9	34.0	34.1	34.2	34.3	34.3	34.4
18000	41.1	41.8	42.4	42.7	42.8	42.8	43.0	43.3	43.3	43.4	43.5	43.5	43.9	43.9	44.5	44.5
16000	41.5	42.3	42.8	43.1	43.3	43.3	43.4	43.6	43.8	43.9	44.0	44.0	44.3	44.3	44.5	45.3
14000	44.8	45.6	46.1	46.5	46.7	46.7	46.8	47.1	47.1	47.2	47.3	47.3	47.6	47.6	48.1	48.6
12000	49.0	52.8	52.4	52.2	52.6	52.6	53.0	53.3	53.3	53.4	53.5	53.5	54.0	54.0	54.6	54.9
10000	57.4	59.5	59.1	60.0	60.6	60.6	61.0	61.9	61.9	62.0	62.2	62.2	62.6	62.6	63.2	63.5
9000	62.2	64.0	64.7	65.5	66.5	66.5	67.0	68.2	68.2	68.3	68.4	68.4	68.8	68.8	69.2	69.8
8000	64.6	66.6	67.3	68.4	69.4	69.9	71.1	71.4	71.4	71.5	71.6	71.6	72.0	72.0	72.7	73.0
7000	66.2	68.3	69.5	71.0	72.0	72.6	73.9	74.2	74.2	74.3	74.4	74.4	74.8	74.8	75.5	75.8
6000	66.5	68.7	69.9	71.4	72.5	73.6	74.3	74.6	74.6	74.7	74.8	74.8	75.3	75.3	75.9	76.2
5000	69.2	71.6	72.8	74.3	75.5	76.5	77.4	77.7	77.7	77.8	78.0	78.0	78.4	78.4	79.0	79.4
4500	69.6	71.9	73.1	74.6	75.8	76.8	77.8	78.2	78.2	78.3	78.4	78.4	78.8	78.8	79.5	79.8
4000	71.3	73.5	75.1	76.6	77.7	78.8	79.9	80.4	80.4	80.5	80.6	80.6	81.1	81.1	81.7	82.0
3500	71.9	74.5	75.7	77.2	78.6	79.2	81.0	81.5	81.5	81.6	81.7	81.7	82.2	82.2	82.8	83.1
3000	73.3	76.0	77.3	79.0	80.6	81.6	83.6	83.9	83.9	84.0	84.1	84.1	84.5	84.5	85.2	85.5
2500	74.1	76.9	78.2	80.1	81.7	82.5	84.5	85.2	85.2	85.3	85.5	85.5	85.9	85.9	86.6	86.9
2000	74.3	77.6	78.9	81.0	82.7	83.7	85.6	86.2	86.2	86.6	87.0	87.0	87.4	87.4	88.1	88.4
1800	75.2	78.6	79.2	81.4	83.1	84.1	86.1	87.1	87.1	87.4	87.8	87.8	88.3	88.3	88.9	89.2
1500	75.7	78.6	79.9	82.3	84.0	84.9	87.2	88.2	88.2	88.6	89.4	89.4	89.8	89.8	90.5	90.9
1200	76.3	79.7	80.5	82.9	84.7	85.7	88.1	89.1	89.1	89.8	90.6	90.6	91.3	91.3	92.0	92.4
1000	77.4	80.3	81.8	84.2	86.0	87.0	89.4	90.4	90.4	91.1	92.2	92.3	92.8	92.8	93.5	93.9
900	77.7	81.1	82.7	85.1	87.1	88.1	90.4	91.5	91.5	92.2	93.3	93.3	94.1	94.1	94.8	95.2
800	78.7	82.0	83.7	86.1	88.2	89.1	91.5	92.6	92.6	93.3	94.5	94.7	95.3	95.3	96.0	96.3
700	79.0	82.5	84.1	86.7	88.7	89.7	92.4	93.4	93.4	94.4	95.6	95.6	96.3	96.3	97.1	97.4
600	79.0	82.5	84.1	86.7	88.8	89.8	92.3	93.5	93.5	94.5	95.7	95.7	96.6	96.6	97.4	97.7
500	79.2	82.7	84.4	87.0	89.4	90.3	92.8	94.2	94.2	95.2	96.3	96.6	97.3	97.3	98.1	98.4
400	79.2	82.7	84.4	87.0	89.4	90.3	92.9	94.3	94.3	95.3	96.7	96.7	97.6	97.6	98.6	98.9
300	79.2	82.8	84.5	87.1	89.5	90.4	93.1	94.5	94.5	95.5	96.9	97.2	98.0	98.0	99.1	99.4
200	79.2	82.8	84.5	87.1	89.5	90.4	93.1	94.5	94.5	95.6	97.0	97.1	98.1	98.1	99.2	99.7
100	79.2	82.8	84.5	87.1	89.5	90.4	93.1	94.5	94.5	95.6	97.0	97.1	98.1	98.1	99.4	99.8
0	79.2	82.8	84.5	87.1	89.5	90.4	93.1	94.5	94.5	95.6	97.0	97.1	98.1	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

750

DATA REPORT DIVISION
 REPORT NO.
 REPORT DATE

CEILING VERSUS VISIBILITY

STATION NAME
 STATION NO.

27-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700
 HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	32.7	33.4	33.6	33.9	33.9	33.8	34.0	34.1	34.1	34.2	34.2	34.4	34.4	34.4	35.4	35.4
IV 20000	32.3	32.0	32.2	32.7	32.8	32.8	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1
IV 18000	32.4	32.1	32.0	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IV 16000	32.5	32.2	32.1	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
IV 14000	41.1	41.1	42.3	42.5	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	43.1	43.1	44.1
IV 12000	42.7	42.5	43.9	44.1	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 10000	52.6	53.5	54.1	54.5	54.7	54.8	55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.9	55.9	56.9
IV 9000	57.3	58.6	59.6	60.1	60.3	60.4	60.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	62.3
IV 8000	60.8	62.7	63.8	64.5	64.6	64.9	65.3	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	67.0
IV 7000	62.3	64.6	66.0	67.2	67.7	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.7
IV 6000	62.6	65.6	67.0	68.2	68.7	68.8	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	70.9
IV 5000	64.6	67.3	68.7	69.9	70.3	70.6	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	73.0
IV 4500	65.7	68.6	70.1	71.3	71.9	72.0	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	74.4
IV 4000	66.2	69.1	70.6	71.8	72.4	72.5	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.8
IV 3500	69.3	72.6	74.4	75.7	76.6	77.0	77.6	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	79.6
IV 3000	70.6	74.2	75.9	77.4	78.4	79.0	80.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	82.4
IV 2500	71.6	75.3	77.2	78.9	80.0	80.6	81.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	84.1
IV 2000	73.7	77.5	79.6	81.4	82.7	83.3	84.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	86.9
IV 1800	74.1	78.0	80.0	82.0	83.3	84.0	85.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	87.5
IV 1500	74.5	78.7	80.8	82.9	84.4	85.1	86.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.6
IV 1200	75.6	79.8	81.8	84.0	85.5	86.2	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	90.1
IV 1000	76.3	80.5	82.7	84.8	86.3	87.2	88.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	91.3
IV 900	76.9	81.1	83.2	85.4	86.9	87.3	88.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.5
IV 800	77.0	81.1	83.2	85.4	86.9	87.3	88.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.5
IV 700	77.2	81.7	84.0	86.1	87.7	88.6	90.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.9
IV 600	77.7	82.4	84.8	87.0	88.6	89.5	91.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8
IV 500	77.8	82.5	84.9	87.2	88.8	89.7	91.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	94.4
IV 400	78.0	82.6	85.1	87.4	89.0	89.9	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	94.7
IV 300	78.2	82.8	85.3	87.7	89.4	90.3	91.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	95.3
IV 200	78.2	82.8	85.3	87.7	89.4	90.3	91.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	95.3
IV 100	78.3	82.9	85.5	88.1	89.7	90.6	92.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.7
IV 0	78.3	82.9	85.5	88.1	89.7	90.6	92.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PREPARED BY DIVISION
OF ETAC
IN ORDER OF VICE/AC

CEILING VERSUS VISIBILITY

STATION NAME WILSONS PT AIRPORT 57-60 YEARS MONTH 10
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1000-2000 HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
≥ 1200	6.6	7.1	37.7	37.8	38.1	38.9	39.2	39.7	39.8	40.0	40.4	40.4	40.5	40.5	40.6	41.1
18000	41.4	42.3	42.7	43.1	43.4	44.1	44.7	45.4	45.4	45.6	46.0	46.1	46.1	46.1	46.3	46.5
14000	43.1	44.2	44.4	44.5	45.2	45.7	46.2	47.1	47.1	47.3	47.7	47.7	47.8	47.8	48.1	48.8
10000	49.3	49.6	49.8	50.3	50.8	51.3	52.0	52.7	52.7	52.9	53.3	53.3	53.4	53.4	53.7	53.9
8000	54.5	55.1	55.7	57.2	57.8	58.5	59.2	60.0	60.0	60.2	60.6	60.6	60.8	60.8	61.0	61.2
6000	57.6	59.6	60.1	60.9	61.3	61.7	62.7	63.4	63.4	63.7	64.1	64.1	64.2	64.2	64.4	64.6
5000	59.7	61.6	62.5	63.4	64.2	64.9	65.7	66.5	66.5	66.7	67.1	67.1	67.2	67.2	67.4	67.4
4500	61.6	64.1	65.2	66.2	67.0	67.7	68.5	69.2	69.2	69.3	69.9	69.9	70.0	70.0	70.2	70.4
4000	62.3	65.1	66.1	67.2	68.0	68.7	69.5	70.2	70.2	70.4	70.9	70.9	71.0	71.0	71.2	71.4
3500	63.8	66.9	68.2	69.2	70.0	70.8	71.5	72.3	72.3	72.5	72.9	72.9	73.0	73.0	73.2	73.4
3000	64.3	67.5	69.1	70.2	71.2	72.0	73.0	73.8	73.8	74.0	74.4	74.4	74.5	74.5	74.7	74.7
2500	65.6	69.4	71.0	72.5	73.8	74.6	76.0	76.8	76.8	77.0	77.4	77.4	77.5	77.5	77.7	78.0
2000	66.9	70.8	72.4	74.1	75.5	76.5	77.0	78.4	78.4	78.6	79.0	79.0	79.1	79.1	79.4	79.4
1800	70.0	74.5	76.7	78.8	80.9	81.9	84.5	85.5	85.5	85.8	86.2	86.2	86.3	86.3	86.6	86.8
1500	70.3	74.5	77.1	79.2	81.4	82.5	85.5	86.5	86.5	86.8	87.2	87.2	87.3	87.3	87.5	87.7
1200	71.2	75.5	78.1	80.4	82.8	84.1	87.1	88.5	88.5	88.7	89.0	89.6	89.6	89.7	89.9	90.1
1000	71.7	76.6	79.7	81.3	83.7	84.9	88.1	89.6	89.6	89.8	90.4	91.2	91.2	91.3	91.5	91.7
900	72.0	76.5	79.0	81.6	84.0	85.3	88.4	90.0	90.2	90.9	91.6	91.6	91.7	91.7	91.9	92.2
800	72.8	77.7	80.0	82.6	84.9	86.2	89.4	91.1	91.3	91.9	92.7	92.7	92.9	92.9	93.1	93.3
700	73.4	78.5	80.8	83.3	85.7	87.1	90.2	91.9	92.2	92.8	93.5	93.5	93.8	93.8	94.0	94.2
600	74.1	79.1	81.4	84.0	86.5	87.8	91.2	93.7	93.2	93.9	94.6	94.6	94.8	94.8	95.1	95.3
500	74.4	79.6	81.8	84.4	86.9	88.3	91.7	93.7	93.9	94.5	95.6	95.6	95.8	95.8	96.2	96.5
400	74.9	80.2	82.5	85.1	87.6	89.0	92.6	94.6	94.8	95.5	96.6	96.6	96.8	96.8	97.2	97.4
300	74.9	80.2	82.5	85.1	87.6	89.0	92.6	94.6	94.8	95.5	96.6	96.6	96.8	96.8	97.2	97.4
200	75.3	80.5	83.0	85.6	88.2	89.6	93.2	95.5	95.7	96.3	97.7	97.7	97.8	97.8	98.0	98.0
100	75.5	80.8	83.2	85.8	88.4	89.8	93.4	95.7	95.9	96.6	98.0	98.0	98.2	98.2	98.7	98.7
0	75.5	80.8	83.2	85.8	88.4	89.8	93.4	95.7	95.9	96.6	98.0	98.0	98.2	98.2	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 930

AT ...
...
...

CEILING VERSUS VISIBILITY

STATION NAME ... 27-66 ... YEARS ... MONTH ...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
Miles (1.6)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3
14000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
10000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
8000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
6000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
4000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
3000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1800	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1600	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1400	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1200	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
1000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
900	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
800	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
700	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
600	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
500	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
400	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
300	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
200	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
100	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
0	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9

TOTAL NUMBER OF OBSERVATIONS 230

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE VT OUT APT
 STATION STATION NAME

57-66

PERIOD

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	11.7	4.2	5.2	4.7	4.2	3.0	4.2	5.3	7.2	15.6	34.6	6.7	7440
FEB		7.1	4.2	4.8	4.8	3.8	3.1	4.0	5.7	9.1	19.9	33.4	7.1	6768
MAR		9.3	6.0	5.7	4.6	4.5	3.5	4.9	6.4	9.5	19.3	26.1	6.5	7440
APR		7.6	6.7	6.6	6.2	5.3	4.2	4.8	7.2	9.9	21.2	20.2	6.3	7200
MAY		3.7	6.8	5.5	4.8	4.1	4.1	4.8	8.4	12.3	26.2	20.0	6.9	7440
JUN		.6	3.3	6.2	6.2	5.2	4.5	5.8	8.8	14.1	28.7	16.7	7.1	7200
JUL		.3	3.1	5.2	5.2	5.4	5.1	6.3	9.7	12.8	29.4	17.4	7.2	7440
AUG		2.9	5.6	5.8	5.7	5.5	4.0	4.5	7.8	11.0	27.2	20.2	6.9	7440
SEP		4.9	5.5	4.6	4.6	3.8	3.2	4.6	7.6	10.9	24.6	25.7	7.1	7200
OCT		4.8	4.2	5.0	4.6	4.9	4.0	4.6	5.7	8.9	23.1	30.6	7.2	7440
NOV		6.8	3.8	4.3	4.1	3.6	3.1	3.8	5.3	8.4	18.1	38.6	7.3	7200
DEC		6.8	3.5	4.4	4.6	4.3	3.5	4.9	6.4	8.6	17.0	36.1	7.2	7440
TOTALS		5.5	4.7	5.3	5.0	4.6	3.8	4.8	7.0	10.2	22.5	26.6	7.0	87648

USAFETAC

FORM
 JUL 64

0.9.5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE YT DUT APT
STATION STATION NAME

57-66

PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.5	5.1	5.6	4.4	5.3	1.9	4.5	3.3	6.7	9.1	38.6	6.3	930
	03-05	15.1	3.4	6.3	5.2	3.4	2.5	4.2	4.6	6.3	9.8	39.1	6.5	930
	06-08	10.4	5.3	5.1	5.9	4.3	3.2	4.2	5.4	8.0	15.2	32.7	6.6	930
	09-11	5.6	4.9	4.6	3.0	3.8	3.5	3.9	5.6	9.8	25.2	30.1	7.2	930
	12-14	7.6	4.0	3.7	4.4	3.2	3.7	3.9	6.9	8.1	26.2	28.4	7.1	930
	15-17	8.7	2.7	4.4	4.2	4.2	3.1	3.9	5.6	9.0	21.5	32.7	7.1	930
	18-20	13.3	3.7	6.0	5.3	5.4	2.9	4.9	5.8	5.2	9.1	38.4	6.5	930
	21-23	17.1	4.3	5.5	5.5	4.3	3.2	4.4	5.2	4.5	8.9	37.1	6.2	930
TOTALS		11.7	4.2	5.2	4.7	4.2	3.0	4.2	5.3	7.2	15.6	34.6	6.7	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE VT DIT APT
STATION

57-66

PERIOD

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	13.6	5.4	5.0	5.1	4.3	2.7	3.4	5.3	8.5	10.6	36.1	6.4	846
	03-05	13.8	3.7	4.5	4.6	2.7	2.4	3.7	4.7	8.0	11.7	40.2	6.8	846
	06-08	4.7	4.4	3.8	3.7	3.1	2.6	3.4	5.6	8.9	22.7	37.2	7.6	846
	09-11	2.2	3.1	3.4	3.8	3.4	2.4	4.5	5.1	9.9	30.0	32.2	7.8	846
	12-14	1.5	3.4	4.6	5.9	4.8	3.7	5.2	5.4	11.6	28.8	24.9	7.4	846
	15-17	1.3	4.0	4.4	5.0	3.8	4.3	4.1	8.3	11.0	26.5	27.4	7.5	846
	18-20	6.7	4.7	7.4	5.7	3.2	4.1	3.2	5.7	6.9	18.7	33.7	6.9	846
	21-23	13.0	5.1	5.6	4.5	5.3	2.7	4.5	5.8	8.2	10.2	35.2	6.4	846
TOTALS		7.1	4.2	4.8	4.8	3.8	3.1	4.0	5.7	9.1	19.9	33.4	7.1	6768

USAFETAC

FORM
JUL 64

0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	16.3	6.5	6.7	5.6	4.8	2.8	5.2	5.3	7.1	9.2	30.5	5.8	930
	03-05	17.5	5.5	4.9	4.9	4.3	3.0	3.2	5.6	5.8	14.1	31.1	6.0	930
	06-08	5.5	6.6	4.8	4.5	4.9	4.5	3.8	6.1	9.7	23.5	26.0	6.9	930
	09-11	5.2	5.5	6.7	6.2	3.3	3.4	5.4	6.1	10.2	23.3	24.6	6.8	930
	12-14	3.5	6.7	5.6	3.3	3.4	4.3	4.1	7.4	12.7	24.3	24.6	7.1	930
	15-17	4.4	5.1	4.9	4.5	4.6	2.7	4.0	7.4	12.7	27.2	22.5	7.1	930
	18-20	6.4	7.1	6.1	3.7	5.1	3.9	6.3	7.2	9.8	20.9	23.1	6.6	930
	21-23	15.2	5.1	5.6	5.9	5.4	3.0	6.9	6.2	7.7	12.0	26.5	5.9	930
TOTALS		9.3	6.0	5.7	4.8	4.5	3.5	4.9	6.4	9.5	19.3	26.1	6.5	7440

FORM
111-64

FORM 0-9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE VT DDT APT
STATION STATION NAME

57-66

PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	18.9	9.9	8.3	6.3	5.8	3.3	4.2	6.2	6.4	10.2	20.3	5.0	900
	03-05	10.1	8.8	8.2	7.0	5.2	4.0	4.4	6.6	8.4	17.0	20.2	5.8	900
	06-08	6.0	7.7	6.3	5.1	4.8	2.7	5.0	7.3	9.6	21.6	24.0	6.6	900
	09-11	4.8	4.9	6.6	5.6	5.1	4.2	5.4	7.0	11.0	25.2	20.2	6.8	900
	12-14	3.8	2.9	3.7	6.4	5.3	4.7	4.1	6.1	15.4	30.0	17.6	7.1	900
	15-17	3.1	4.0	3.7	5.8	4.8	5.9	5.6	8.0	10.0	29.2	20.0	7.1	900
	18-20	2.9	6.6	6.6	7.3	5.6	3.3	5.3	7.9	11.1	24.4	19.0	6.7	900
	21-23	12.9	8.7	9.2	6.0	6.0	5.1	4.1	8.3	7.2	12.2	20.2	5.5	900
TOTALS		7.8	6.7	6.6	6.2	5.3	4.2	4.8	7.2	9.9	21.2	20.2	6.3	7200

USAFETAC

FORM 0.9.5 (OLI)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE VT DGT APT
STATION

57-66
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	5.4	10.9	5.9	5.9	4.4	4.2	5.2	8.6	12.4	21.0	16.2	6.2	930
	03-05	4.6	7.8	6.2	4.8	4.6	2.6	3.8	7.1	11.5	26.1	20.8	6.7	930
	06-08	4.7	8.9	7.0	4.0	2.8	3.7	4.2	7.6	10.4	26.3	20.3	6.7	930
	09-11	2.0	6.0	5.1	5.4	3.9	3.9	4.3	9.1	10.8	26.2	23.3	7.1	930
	12-14	1.9	3.7	3.3	2.4	3.1	4.4	4.2	9.2	12.9	34.2	20.6	7.6	930
	15-17	1.2	3.8	4.5	3.9	4.1	3.8	4.3	8.7	14.8	31.2	19.8	7.4	930
	18-20	1.4	5.6	4.7	5.1	4.7	5.8	5.7	8.8	12.4	27.1	18.7	7.0	930
	21-23	2.4	7.4	7.0	7.1	5.5	4.2	6.3	8.4	13.3	17.7	20.6	6.6	930
TOTALS		3.0	6.8	5.5	4.8	4.1	4.1	4.8	8.4	12.3	26.2	20.0	6.9	7440

2

SKY COVER

57-66

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	1.4	5.0	9.1	7.1	4.0	5.0	5.8	9.1	12.6	23.7	17.2	6.7	900
	03-05	1.1	3.9	7.2	7.8	7.6	4.0	6.1	9.0	11.7	24.8	16.7	6.8	900
	06-08	1.2	5.2	7.3	8.6	5.3	5.3	6.1	6.6	12.2	24.4	17.4	6.7	900
	09-11		3.0	5.7	7.3	5.6	4.6	5.6	8.4	15.9	26.0	18.0	7.1	900
	12-14	.1	.8	2.7	4.2	4.6	3.8	6.1	10.0	17.9	33.1	16.8	7.7	900
	15-17		1.2	2.8	3.3	4.3	3.7	5.8	10.2	15.3	36.4	16.9	7.8	900
	18-20	.1	2.1	6.9	4.6	4.4	4.0	6.0	8.9	13.4	35.6	13.8	7.3	900
	21-23	.6	5.0	7.8	6.4	5.3	5.9	4.9	8.1	13.4	25.9	16.7	6.8	900
TOTALS		.6	3.3	6.2	6.2	5.2	4.5	5.8	8.8	14.1	28.7	16.7	7.1	7200

FORM
100-64

FORM 0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	1.1	5.2	7.4	6.5	6.2	4.5	7.5	8.6	12.5	25.1	15.5	6.7	930
	03-05	1.0	4.4	6.7	5.5	5.5	6.3	4.6	7.2	11.1	30.3	17.4	7.0	930
	06-08	1.0	4.2	5.3	5.8	4.6	3.7	5.2	7.6	11.7	30.6	20.3	7.3	930
	09-11		1.8	5.8	5.7	4.4	4.2	4.9	8.5	11.4	32.5	20.8	7.5	930
	12-14		1.0	2.9	3.8	4.7	5.8	7.0	9.9	14.1	32.3	18.6	7.7	930
	15-17		1.3	3.4	3.0	4.3	4.5	7.6	12.7	14.7	31.9	16.5	7.6	930
	18-20		2.4	3.8	4.9	6.0	6.1	7.7	13.4	14.0	27.1	14.5	7.2	930
	21-23	.5	4.6	6.1	6.5	7.2	5.8	5.8	9.6	12.6	25.5	15.8	6.8	930
TOTALS		.5	3.1	5.2	5.2	5.4	5.1	6.3	9.7	12.8	29.4	17.4	7.2	7440

2

SKY COVER

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	9.9	11.0	6.5	6.9	6.1	4.0	2.5	5.6	7.8	16.1	23.8	5.9	930
	03-05	3.7	8.0	8.4	6.7	5.7	3.9	3.5	7.0	7.6	24.6	21.5	6.5	930
	06-08	2.9	6.3	6.7	4.7	5.1	3.2	2.9	7.5	10.4	29.5	20.8	7.0	930
	09-11	1.5	4.9	6.7	5.4	4.7	2.6	3.5	6.8	12.4	30.8	20.8	7.2	930
	12-14	.8	2.9	2.7	4.9	4.4	4.5	5.4	8.1	12.2	34.8	19.4	7.6	930
	15-17	.4	1.8	4.3	4.2	4.2	3.7	6.3	10.4	15.7	31.3	17.6	7.5	930
	18-20	1.3	2.5	4.5	5.2	5.7	4.6	6.0	10.8	13.5	28.8	17.1	7.2	930
	21-23	3.0	7.7	6.6	7.2	8.5	5.3	5.8	6.1	8.2	21.4	20.2	6.4	930
TOTALS		2.9	5.6	5.8	5.7	5.5	4.0	4.5	7.8	11.0	27.2	20.2	6.9	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE YT OUT APT
STATION STATION NAME

57-66

PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	13.7	8.2	5.8	5.3	3.6	3.4	4.0	5.2	8.9	11.7	30.2	6.1	900
	03-05	9.6	7.4	5.0	5.4	4.4	3.4	3.7	6.4	9.1	17.8	27.7	6.5	900
	06-08	1.8	5.3	4.9	6.9	3.2	3.4	4.1	6.3	11.8	30.8	21.4	7.2	900
	09-11	1.1	5.0	4.3	3.9	4.1	2.8	5.1	7.8	11.8	30.9	23.2	7.5	900
	12-14	1.0	4.3	2.3	2.2	3.6	2.9	4.8	7.6	12.4	36.0	22.9	7.8	900
	15-17	1.0	3.7	3.6	2.2	3.1	3.4	4.4	8.8	13.0	31.3	25.4	7.8	900
	18-20	1.8	3.6	4.3	4.9	2.8	3.8	6.1	10.3	13.0	24.6	24.9	7.4	900
	21-23	9.2	6.2	6.3	6.3	5.7	2.7	4.6	8.4	6.9	13.8	29.9	6.4	900
TOTALS		4.9	5.5	4.6	4.6	3.8	3.2	4.6	7.6	10.9	24.6	25.7	7.1	7200

USAFETAC

FORM 0-9.5 (OL1)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26316 WHITEHORSE YT OUT APT
STATION STATION NAME

57-66

PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	9.0	6.8	4.1	4.5	5.8	3.9	5.1	4.2	7.8	13.4	35.4	6.7	930
	03-05	8.9	4.5	6.9	4.1	5.7	3.0	4.1	5.3	7.0	12.9	37.6	6.8	930
	06-08	1.7	3.1	5.1	4.4	4.1	2.8	5.2	5.1	9.7	29.5	29.5	7.6	930
	09-11	1.4	2.9	3.9	5.3	2.9	4.0	4.1	6.0	10.3	30.0	29.2	7.7	930
	12-14	1.5	2.4	3.5	3.8	6.1	4.0	4.3	5.6	10.1	32.4	26.3	7.7	930
	15-17	1.6	2.2	3.5	4.7	4.6	4.1	3.9	7.1	9.2	32.8	26.2	7.7	930
	18-20	4.8	5.7	6.3	4.7	5.7	4.5	6.2	5.7	8.7	19.7	27.8	6.8	930
	21-23	9.2	5.6	6.6	5.2	3.9	5.3	3.8	6.3	8.2	13.7	32.4	6.5	930
TOTALS		4.8	4.2	5.0	4.6	4.9	4.0	4.6	5.7	8.9	23.1	30.6	7.2	7440

USAFETAC

FORM
JUL 64 0-9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25316 WHITEHORSE YT OUT APT
STATION

57-66

PERIOD

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	12.0	4.1	4.3	4.2	4.2	2.9	3.0	5.9	6.8	12.2	40.3	6.8	900
	03-05	11.3	5.4	4.6	4.0	4.1	1.6	4.3	4.4	7.7	10.6	42.0	6.8	900
	06-08	5.7	3.4	4.6	4.1	3.9	3.9	4.6	5.2	10.3	15.1	39.2	7.3	900
	09-11	2.3	2.0	3.7	3.8	3.6	4.4	3.7	5.9	9.2	29.0	32.4	7.8	900
	12-14	2.7	2.9	2.7	5.1	4.2	3.6	4.2	7.7	9.0	29.9	28.1	7.6	900
	15-17	3.4	2.8	4.8	4.6	4.2	3.7	4.3	6.0	9.1	24.7	32.4	7.5	900
	18-20	7.8	4.6	4.9	4.4	2.3	2.6	3.4	3.3	7.0	12.1	47.6	7.3	900
	21-23	9.1	4.8	4.9	2.9	2.4	2.4	3.1	3.9	8.0	11.4	47.0	7.3	900
TOTALS		6.8	3.8	4.3	4.1	3.6	3.1	3.8	5.3	8.4	18.1	38.6	7.3	7200

SKY COVER

DEC
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	10.9	3.5	5.8	4.4	4.9	2.2	4.8	7.2	7.3	10.6	38.3	6.3	930
	03-05	11.7	4.1	4.3	4.1	3.3	4.5	5.1	6.6	6.5	8.2	41.7	6.8	930
	06-08	6.6	3.7	5.3	5.1	4.2	3.2	4.8	5.3	8.8	15.2	37.7	7.1	930
	09-11	1.5	3.3	3.5	4.3	4.0	3.7	3.2	7.6	10.4	25.7	32.7	7.7	930
	12-14	2.9	3.5	3.8	3.7	3.3	3.0	3.7	6.7	10.0	29.8	29.7	7.6	930
	15-17	4.7	2.7	3.8	4.2	5.1	3.4	4.8	4.4	10.0	22.7	34.2	7.5	930
	18-20	6.9	3.9	3.9	5.7	3.8	4.2	6.0	6.0	8.9	12.4	38.4	7.1	930
	21-23	8.7	3.4	5.1	5.1	5.5	4.0	7.0	7.2	7.1	11.1	35.9	6.8	930
TOTALS		6.8	3.5	4.4	4.6	4.3	3.5	4.9	6.4	8.6	17.0	36.1	7.2	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature DATA NOT AVAILABLE
 - b. Daily minimum temperature DATA NOT AVAILABLE
 - c. Daily mean temperature DATA NOT AVAILABLE
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

DATA NOT AVAILABLE

 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Psychrometric frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_X). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26310 WHITEHORSE VT DHT APT

57-66

411

MONTH

YEARS

PAGE 1

A 1 1

HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
86/ 85														.0	.0	.0		13	13												
84/ 83												.0	.0	.0	.0	.0		32	32												
82/ 81											.0	.0	.0	.0	.0	.0		73	78												
80/ 79										.0	.0	.0	.0	.0	.0	.0		114	114												
76/ 77									.0	.0	.1	.1	.0	.0				181	181												
76/ 75								.0	.0	.1	.1	.1	.0	.0	.0			256	258												
74/ 73								.0	.0	.1	.1	.1	.0	.0				378	378												
72/ 71						.0	.0	.0	.1	.2	.1	.1	.0					469	469												
70/ 69					.0	.0	.0	.1	.2	.2	.1	.0	.0					666	666												
68/ 67					.0	.0	.1	.3	.2	.2	.1	.0						812	812												
66/ 65				.0	.0	.1	.3	.3	.3	.1	.0	.0						972	972												
64/ 63			.0	.0	.1	.2	.4	.4	.2	.1	.0	.0						1226	1226												
62/ 61			.0	.1	.2	.4	.5	.3	.2	.1	.0							1481	1481	53											
60/ 59		.0	.0	.1	.4	.7	.6	.3	.1	.0	.0							1961	1961	171											
58/ 57	.0	.0	.1	.3	.6	.7	.4	.3	.1	.0								2140	2140	549	11										
56/ 55	.0	.1	.3	.6	.8	.6	.4	.3	.1	.0								2583	2583	1149	43										
54/ 53	.0	.2	.4	.8	.8	.5	.3	.2	.0									2736	2736	1741	123										
52/ 51	.0	.3	.6	1.0	.7	.4	.3	.1	.0									2936	2936	2717	344										
50/ 49	.0	.5	.7	1.1	.7	.4	.3	.1										3264	3264	3721	841										
48/ 47	.1	.6	.9	.9	.5	.4	.2	.0										3663	3663	4200	1443										
46/ 45	.1	.7	.8	.9	.6	.4	.1	.0										3665	3665	4318	2462										
44/ 43	.1	.7	.9	.9	.6	.4	.1	.0										3126	3126	3920	2907										
42/ 41	.1	.6	1.0	.8	.6	.3	.0											2990	2991	3607	3837										
40/ 39	.1	.7	1.0	.9	.6	.1	.0											3023	3023	3492	4223										
38/ 37	.1	.9	1.1	1.0	.3	.0	.0											3068	3069	3588	3797										
36/ 35	.2	1.0	1.6	.8	.1	.0												3226	3228	3682	3711										
34/ 33	.2	1.3	1.5	.4	.0													3017	3017	3756	3772										
32/ 31	.3	1.5	1.4	.2	.0													3006	3008	4570	3766										
30/ 29	.3	1.8	1.0	.1	.0													2813	2825	3890	3792										
28/ 27	.4	1.8	.7	.1														2580	2588	3591	4192										
26/ 25	.4	1.7	.5	.0														2232	2242	2878	4610										
24/ 23	.4	1.6	.3	.0														2038	2050	2361	4151										
22/ 21	.5	1.6	.2															2000	2010	2320	4242										
20/ 19	.7	1.3	.1															1885	1887	2255	3598										
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																															
Wet Bulb																															
Dew Point																															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT OUT APT
STAT ON	STATION NAME

57-66

All

MONTH

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HOURS 11:55 - 1:00

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26315

WHITEHORSE YT OUT APT

57-66

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STATION NAME

YEARS

MONTH

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ALL

HOURS 11:50 - 1:00

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point										
-20/-21	2.2	.0																153	153	152	183										
-22/-23	1.9	.0																136	136	136	156										
-24/-25	2.5																	172	172	173	155										
-26/-27	2.2	.0																151	151	150	163										
-28/-29	1.9	.0																130	130	131	151										
-30/-31	1.7																	114	115	114	162										
-32/-33	1.7																	115	134	115	144										
-34/-35	1.0																	69	120	69	156										
-36/-37	.0																	2	99	2	78										
-38/-39																			71		60										
-40/-41																			76		24										
-42/-43																			85		5										
-44/-45																			93												
-46/-47																			47												
-48/-49																			20												
-50/-51																			13												
-52/-53																			5												
TOTAL	75.5	20.6	3.4	.4	.1	.0												6860	7439	6860	6860										

Element (X)	Σ x'	Σ x	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	46781145	564215	82.3	7.136	6856	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3395967	-10507	-1.421	1.321	7439	389.7	712.3					744
Wet Bulb	2278970	10302	1.518	1.66	6860	360.1	725.7					744
Dew Point	2432059	-16087	-2.318	1.684	6860	403.9	736.0					744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT DUT APT
STATION	STATION NAME

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MONTH

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HOURS 11:30-5:30

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USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHURST YT DUT APT
STATION	STATION NAME

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MONTH

ALL

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
	STATION NAME

57-66

YEARS

4 AR
MONTH

PAGE 1

ALL
HOURS 11:55 T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
50/ 49								.0										2	2														
48/ 47				.1	.0	.0	.1	.0										17	17														
46/ 45				.0	.1	.1												16	16														
44/ 43			.0	.1	.5	.1	.0											61	61	1													
42/ 41			.1	.4	.9	.1												107	107	7													
40/ 39			.4	.9	.9	.0												159	159	5													
38/ 37		.1	.9	1.6	.6	.0												240	240	46	1												
36/ 35		.3	2.1	1.5	.2													302	302	148	7												
34/ 33	.1	.7	2.5	.9	.0													319	319	267	25												
32/ 31	.2	1.5	3.6	.5														429	431	436	63												
30/ 29	.3	2.1	2.4	.2														372	384	515	154												
28/ 27	.4	2.7	2.2	.2														403	411	503	245												
26/ 25	.4	2.8	1.9	.1														383	392	455	419												
24/ 23	.3	2.6	1.3	.1														322	334	378	488												
22/ 21	.3	2.8	.9															292	302	372	557												
20/ 19	.5	2.5	.7															269	271	328	450												
18/ 17	.7	2.8	.7															309	312	304	385												
16/ 15	1.0	3.0	.3															316	320	341	363												
14/ 13	.5	2.6	.1															239	240	302	304												
12/ 11	.8	2.2	.1															223	226	256	307												
10/ 9	1.2	2.6	.0															289	292	290	277												
8/ 7	1.7	1.7	.0															255	255	294	285												
6/ 5	1.5	1.6	.0															237	239	239	297												
4/ 3	1.8	1.2																219	221	240	311												
2/ 1	2.2	1.0																237	239	249	279												
0/ -1	2.1	.9																224	226	231	279												
-2/ -3	2.4	.4																210	210	231	241												
-4/ -5	2.1	.2																169	170	172	277												
-6/ -7	1.7	.2																137	137	137	251												
-8/ -9	1.7	.1																137	137	143	219												
-10/-11	1.4	.1																112	112	111	156												
-12/-13	1.1	.0																83	83	85	168												
-14/-15	.8	.0																60	60	60	141												
-16/-17	.6																	42	42	43	109												
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total										
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-18/-19	.6	.0																44	44	44	71											
-20/-21	.4																	28	28	28	52											
-22/-23	.2																	18	18	18	51											
-24/-25	.3																	21	21	21	32											
-26/-27	.2																	17	17	17	27											
-28/-29	.2																	17	17	17	21											
-30/-31	.2																	14	14	14	17											
-32/-33	.1																	6	6	6	13											
-34/-35	.1																	5	5	5	16											
-36/-37																			1		3											
TOTAL	30.3	38.9	20.4	6.6	3.3	.3	.1	.1										7361	7440	7361	7361											

26316	SMITHBORSE VT OUT APT
STATION	STATION NAME

57-66

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STATION

STATION NAME

YEARS

MONTH

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HOURS 11.5 - 1.3

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AIR WEATHER SERVICE/AC

57-66

26316	WHITEHORSE YT DOT APT
STATION	STATION NAME

YEARS

MAY
MONTH

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ALL

HOURS: 9:30 A.M. - 5:00 P.M.

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USAFETAC FORM 0-26.5 (OL A) JUL 64
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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT DUT API
STATION	STATION NAME

57-66

JUN:

PAGE 2

MONTH

ALL

HOURS S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
18/ 17																																
16/ 15																																
14/ 13																																
10/ 9																																
TOTAL	1.110	3.113	116.4	12.4	11.4	10.8	9.4	5.9	4.5	2.6	1.0	.8	.2	.0			7200	7200	7200													

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	24610065	396999	55.120	140	7200							
Dry Bulb	21645635	389135	54.0	9.237	7200		.8	79.8	21.3	4.0		720
Wet Bulb	15001030	326422	45.3	5.300	7200		5.0					720
Dew Point	9830811	261843	36.4	6.543	7200		199.1					720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE YT DUT APT
STATION	STATION NAME

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YEARS

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MONTH

PAGE 2

ALL

HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	.4	8.9	13.7	17.2	15.0	12.1	10.2	7.8	5.9	3.6	2.3	1.5	.9	.4	.1			7440	7440	7440	7440			

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

57-66

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ALL

HOURS 11.5, 5.7, 1.7

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT DUT APT
STATION	STATION NAME

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OCT
MONTH

YEARS

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-2/-3	.1																	6	6	6	21																
-4/-5	.1																	4	4	4	17																
-6/-7	.0																	3	3	3	7																
-8/-9																					4																
-10/-11																					2																
TOTAL	15.337	0.026	9.12.6	5.2	1.8	.7	.3	.1										7440	7440	7440	7440																
																						</															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITINGHOUSE YT DOT APT

57-66

157V

STAY ON

STATION NAME

YEARS

MONTH

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HOURS S. T.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	*WHITEHORSE VT DUT APT
STATION	STATION NAME

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INLYV

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ALL

HOURS 10 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point		
-20/-21	.7	.0																63	63	62	62		
-22/-23	.9																	68	68	69	62		
-24/-25	.9																	63	63	63	54		
-26/-27	.7																	47	47	47	77		
-28/-29	.5																	38	38	38	55		
-30/-31	.4																	29	29	29	53		
-32/-33	.1																	9	9	9	33		
-34/-35	.0																	2	2	2	16		
-36/-37																					10		
-40/-41																					1		
TOTAL	49.6	38.7	8.4	2.7	.6	.1												7199	7200	7199	7199		

Element (X)	Σx^2	Σx	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	48902356	590152	82.0	8.474	7198							
Dry Bulb	3489680	107644	15.0	16.162	7200	124.2	631.5					720
Wet Bulb	3084866	100520	14.0	15.283	7199	124.5	679.9					720
Dew Point	2450059	73713	10.2	15.347	7199	170.1	707.1					720

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26316	WHITENORSE YT DOT APT
STATION	STATION NAME

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DFC

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316

WHITEHORSE VT DJT APT

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DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-26/-27	1.4																																	101	101	101	156
-28/-29	1.9																																	135	135	135	127
-30/-31	1.7	.0																																135	136	135	113
-32/-33	1.2																																	85	92	85	115
-34/-35	.6																																	46	87	46	133
-36/-37																																			58		56
-38/-39																																			49		23
-40/-41																																			36		12
-42/-43																																			46		1
-44/-45																																			24		
-46/-47																																			19		
-48/-49																																			3		
TOTAL	58.4	27.5	3.8	.3																														7153	7440	7152	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature								Total
Rel. Hum.	50438930	601558	84.1	6.840	7151	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb	3308964	37526	5.0	20.479	7440	269.2	697.6					744		
Wet Bulb	2675641	45079	6.3	18.288	7153	251.1	716.2					744		
Dew Point	2539233	20893	2.9	18.616	7152	289.1	737.9					744		

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATT-A100 243

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WHITEMORSE APT, YUKON TERRITORY, CANADA, REVISED UNIFORM SUMMAR--ETC
JAN 72

UNCLASSIFIED

USAFETAC/DS-81/038

SBIE-AD-E850 065

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4 of 5

$$\frac{\Delta_{\text{L}}}{\Delta_{\text{H}}} = \frac{1}{1 + \frac{1}{\alpha}}$$

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DIST APT

57-66

JAN

574

STATION NAME

YEARS

MONYH

PAGE 2 0000-0200

NOUVEAU S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-24/-25	3.7																	32	32	32	27																
-26/-27	2.0																	17	17	17	34																
-28/-29	1.9																	16	16	16	16																
-30/-31	1.7																	15	15	15	26																
-32/-33	2.1																	18	18	18	14																
-34/-35	.7																	6	10	6	17																
-36/-37	.1																	1	13	1	11																
-38/-39																			10		11																
-40/-41																			7		1																
-42/-43																			15		1																
-44/-45																			10																		
-46/-47																			3																		
-48/-49																			5																		
-50/-51																			4																		
TOTAL	78.5	18.6	2.6	.3														860	930	860	860																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5970865	71373	83.1	6.878	859							93
Dry Bulb	437278	-1766	-1.9	21.612	930	50.7	89.3					93
Wet Bulb	299371	837	1.0	18.643	860	47.3	90.7					93
Dew Point	322700	-2326	-2.7	19.192	860	32.9	91.8					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITIMORSE VT DIST APT

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STATION NAME

YEARS

MONTH

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0300-0500

HOURLY S T I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
46/ 45						.1												1	1													
42/ 41			.4	.1														4	4													
40/ 39			.1	.1														2	2													
38/ 37		.4	.1															4	4	6												
36/ 35		.6	1.4	.1														18	18	4	2											
34/ 33	.1	1.1	.5															14	14	13	5											
32/ 31		1.5	.7															19	19	17	9											
30/ 29	.1	.7	.1															8	8	21	11											
28/ 27	.6	1.9																22	22	19	18											
26/ 25	.9	1.9		.1														25	25	21	26											
24/ 23	1.7	1.9																30	30	34	24											
22/ 21	.8	1.4																19	19	24	29											
20/ 19	1.4	.5																16	16	22	18											
18/ 17	1.5	1.2																23	23	15	27											
16/ 15	2.4	1.1																29	29	32	18											
14/ 13	3.1	.7																32	32	35	28											
12/ 11	2.4	.4																23	23	26	28											
10/ 9	2.7	.5																27	27	25	25											
8/ 7	2.4	.2																22	22	24	29											
6/ 5	2.8	.1																25	25	25	28											
4/ 3	2.8	.4																27	27	26	19											
2/ 1	3.7	.2																33	33	34	33											
0/ -1	4.5	.1																39	39	38	28											
-2/ -3	3.2	.4																30	30	30	14											
-4/ -5	4.1	.2																37	37	37	44											
-6/ -7	2.8	.1																25	25	26	31											
-8/ -9	3.0																	25	25	25	28											
-10/-11	2.7	.1																24	24	24	30											
-12/-13	2.8																	24	24	24	21											
-14/-15	5.1																	43	43	43	23											
-16/-17	3.0																	25	25	25	30											
-18/-19	2.5																	21	21	21	35											
-20/-21	1.8																	15	15	15	27											
-22/-23	.7	.1																7	7	7	23											
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DUT APT
STATION STATION NAME

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MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
-22/-23	2.6																					22	22	23	23	
-24/-25	2.7																					23	23	23	27	
-26/-27	1.5																					13	13	13	21	
-28/-29	2.5																					21	21	21	27	
-30/-31	1.4																					12	12	12	19	
-32/-33	1.1																					9	10	9	16	
-34/-35	1.3																					11	16	11	22	
-36/-37																							13		7	
-38/-39																							8		5	
-40/-41																							13		1	
-42/-43																							14		2	
-44/-45																							19			
-46/-47																							9			
-48/-49																							1			
-50/-51																							2			
-52/-53																							1			
TOTAL	75.0	20.7	3.6	.5	.2																	844	930	844	844	
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.	5701507		69035		81.9		7.557		843		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	444413		-2397		-2.6		21.719		930		51.1	88.6					93									
Wet Bulb	276133		835		1.0		18.072		844		46.9	90.4					93									
Dew Point	297204		-2314		-3.0		18.338		844		49.8	92.1					93									

USAFETAC FORM 0-26-5 (OL A) JUL 64
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YEARS

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JAF:

PAGE 1 1200-1400

HOURS	S.	T.
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

26316	WHITEHORSE VT OUT APT
STATION	STATION NAME

57-66

JAN

PAGE 2 1200-1400
HOURS (L, S, T, J)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
-24/-25	1.8																	16	16	17	17										
-26/-27	1.2																	10	10	10	25										
-28/-29	1.7																	15	15	15	21										
-30/-31	.6																	5	5	5	15										
-32/-33	1.8																	16	19	16	14										
-34/-35	1.0																	9	21	9	16										
-36/-37																			11		7										
-38/-39																			8		7										
-40/-41																			5		5										
-42/-43																			12												
-44/-45																			6												
-46/-47																			4												
-48/-49																			1												
TOTAL	70.0	24.8	4.5	.2	.3	.1													868	930	868										

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DUT APT

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JAN
1999

PAGE 2 1500-1700
HOURS S. 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point												
-24/-25	1.8																	16			16		16			15													
-26/-27	1.7																	15			15		15			21													
-28/-29	1.7																	15			15		15			17													
-30/-31	1.4																	12			12		12			18													
-32/-33	1.4																	12			15		12			14													
-34/-35	1.0																	9			18		9			18													
-36/-37																					15					8													
-38/-39																					7					7													
-40/-41																					7					5													
-42/-43																					5																		
-44/-45																					9																		
-46/-47																					4																		
TOTAL	72.4	23.0	3.8		.7	.1															871		930		871		871												

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5842235	71071	81.6	7.035	871	≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	> 80 F	≥ 93 F	
Dry Bulb	391220	436	.520	.516	930	45.8	89.2					93
Wet Bulb	79945	2349	2.717	.734	871	42.7	90.8					93
Dew Point	792367	-1117	-1.318	.287	871	49.0	92.0					93

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26316 WHITEHOUSE VT DOT APT
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DATE

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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT OUT APT
STATION NAME

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YEARS

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MONTH

PAGE 2 1800-2000
HOURS (L.S.T.)

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb																
-24/-25	2.8																		24	24	24	15														
-26/-27	2.0																		17	17	17	17														
-28/-29	1.7																		15	15	15	15														
-30/-31	2.1																		18	18	18	20														
-32/-33	2.0																		17	22	17	21														
-34/-35	.6																		5	11	5	24														
-36/-37	.1																		1	11	1	7														
-38/-39																				14		6														
-40/-41																				15		4														
-42/-43																				3		1														
-44/-45																				7																
-46/-47																				4																
-48/-49																				3																
TOTAL	74.2	23.0	2.3	.3	.1														862	930	862	862														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5910115	71047	82.6	6.885	860	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	407686	-580	-0.6	20.939	930	46.4	90.1					93
Wet Bulb	282296	1688	2.0	18.001	862	42.8	91.3					93
Dew Point	299498	-1560	-1.8	18.563	862	49.1	91.9					93

USAFETAC Form 0-26.5 (CL A) 1 JUL 54
REPRODUCED FROM THE AIR WEATHER SERVICE

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT OUT APT
STATION	STATION NAME

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1991

PAGE 2 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
-26/-27	2.5																	22	22	22	20							
-28/-29	1.0																	9	9	9	13							
-30/-31	2.9																	25	25	25	16							
-32/-33	1.7																	15	18	15	26							
-34/-35	1.0																	9	12	9	18							
-36/-37																			8		13							
-38/-39																			12		11							
-40/-41																			15		3							
-42/-43																			7									
-44/-45																			4									
-46/-47																			7									
-48/-49																			3									
-50/-51																			2									
TOTAL	75.6	21.0	3.0	.3														866	930	866	866							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE VT DIST APT
STATION	STATION NAME

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MONTH

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HOURS 1L, S, T, H

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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STAY ON

STATION NAME

YEARS

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PAGE 1 0300-0500

HOURS 9-5 T

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT DOT APT
STATION	STATION NAME

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FEB

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0300-0500

HOURS 11 5-11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-28/-29	.2																	2	2	2	8															
-30/-31	.2																	2	2	2	4															
-32/-33	.4																	3	3	3	1															
-34/-35	.2																	2	2	2	4															
-36/-37																			2		1															
-38/-39																					1															
-40/-41																					2															
TOTAL	63.3	29.5	5.9	1.2	.1														846		844															

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

FEB
MONTH

PAGE 2 0600-0800

HOURS 1-5 P

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-26/-27	.7																	6	6	6	15																
-28/-29	.1																	1	1	1	4																
-30/-31	.6																	5	5	5	8																
-32/-33	.4																	3	3	3	1																
-34/-35																					3																
-36/-37																					2																
-38/-39																					3																
TOTAL	66.128.5	4.5	.9															843	846	843	843																

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR MASTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DUT APT

57-66

●●●

PAGE 1 1200-1400

HOURS: 9:00 A.M. - 5:00 P.M.

[illegible]

USAFETAC FORM 0.26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT DUT APT
STATION	STATION NAME

57-66

FEB

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[illegible]

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

26316 WHITHORSE YT OUT APT
STATION NAME

57-66

F E A
MONTH

PAGE 2 1800-2000
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-26/-27	.4																	3	3	3	2														
-28/-29																					3														
-30/-31	.1																	1	1	1	1														
-32/-33	.2																	2	2	2															
-34/-35																					1														
-36/-37																					2														
TOTAL	48.9	38.1	10.2	2.4	.5													846	846	246	846														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	549586	66226	78.3	8.793	846							
Dry Bulb	307306	9916	11.7	15.038	846	22.0	78.5					84
Wet Bulb	265314	9060	10.7	14.112	846	22.3	81.9					84
Dew Point	200593	5127	6.1	14.164	846	30.3	84.0					84

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT OUT APT
STAT 08	STATION NAME

57-66

FEA

PAGE 2 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-28/-29	.4																	3	3	3	6			
-30/-31																					2			
-32/-33																					1			
-34/-35																					1			
TOTAL	53.7	37.8	7.3	1.2														846	846	846	846			

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	< 93 F	
Rel. Hum.	5450851	67557	79.9	8.149	846							84
Dry Bulb	279426	8364	9.9	15.259	846	25.1	80.4					84
Wet Bulb	247087	7673	9.1	14.493	846	25.4	82.7					84
Dew Point	199583	4009	4.7	14.619	846	32.3	84.0					84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT DUT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 2 0000-0200
HOURS (L., S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
-24/-25	.3																		3	3	3	4						
-26/-27	.4																		4	4	4	4						
-28/-29	.3																		3	3	3	4						
-30/-31	.3																		3	3	3	4						
-32/-33																						2						
-34/-35																						1						
TOTAL	42.5	43.0	12.4	1.1	.2		.1	.2											921	930	921	921						

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE VT OUT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 HITIMORSE YT DUT APT

57-66

MAR

PAGE 2 0600-0800

0000-0000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-26/-27	.4																	4	4	4	7											
-28/-29	.3																	3	8	8	7											
-30/-31	.4																	7	7	7	7											
-32/-33	.3																	3	3	3	6											
-34/-35	.2																	2	2	2	7											
-36/-37																			1		2											
TOTAL	52.7	36.1	9.9	.9	.3	.1												919	930	919	919											

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5869003	73007	79.4	8.682	919							
Dry Bulb	344936	9046	9.7	16.631	930	29.0	87.5					93
Wet Bulb	300972	8128	8.8	15.797	919	29.2	91.1					93
Dew Point	246718	4090	4.5	15.777	919	37.6	92.9					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

57-66

4 AR

PAGE 1 0900-1100

HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
48/ 47				.1															1	1												
46/ 45				.1															1	1												
44/ 43				.4	.3	.2													9	9												
42/ 41				.4	.5	.2													11	11	1											
40/ 39			.5	1.0	.7														20	20	1											
38/ 37			.9	1.7	.1														25	25	6											
36/ 35		.2	2.6	.7	.1														33	33	17											
34/ 33		1.1	3.4	.3	.1														45	45	30											
32/ 31	.1	1.4	3.3	.9															49	49	37											
30/ 29	.2	2.2	2.4	.2															46	46	36											
28/ 27		2.9	2.1	.1															43	45	36											
26/ 25	.4	2.9	2.3																52	54	60											
24/ 23	.2	2.3	2.2																43	45	69											
22/ 21	.1	3.4	.9																39	41	55											
20/ 19	.3	2.5	.7																32	33	46											
18/ 17	.4	2.5	.4																31	33	48											
16/ 15	.8	2.4	.4																33	33	45											
14/ 13	.5	1.9	.2																24	24	35											
12/ 11	.5	2.6	.1																30	31	44											
10/ 9	1.1	3.4																	41	41	40											
8/ 7	2.1	2.1	.1																39	39	49											
6/ 5	1.4	2.8																	39	39	36											
4/ 3	1.9	1.7																	33	33	40											
2/ 1	2.1	.9																	27	27	38											
0/ -1	2.5	1.6																	38	38	37											
-2/ -3	2.2	.9																	28	28	32											
-4/ -5	2.2	.2																	22	22	25											
-6/ -7	2.0	.3																	21	21	19											
-8/ -9	1.3	.1																	13	13	15											
-10/-11	1.2	.1																	12	12	11											
-12/-13	1.0	.1																	10	10	10											
-14/-15	.7																		6	6	7											
-16/-17	.4																		4	4	4											
-18/-19	.5	.1																														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITTHORSE VT DUT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 2 0900-1100
HOURS IL S T J

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-20/-21	.4																	4	4	4	7	
-22/-23	.2																	2	2	2	7	
-24/-25	.1																	1	1	1	3	
-26/-27	.3																	3	3	3	3	
-28/-29	.2																	2	2	2	4	
-30/-31																					2	
-37/-33																					1	
-34/-35																					1	
-36/-37																					1	
TOTAL	7.5	42.3	22.3	5.7	1.9	.4												918		918	918	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	4332034	65869	71.8	10.739	918							93
Dry Bulb	463034	15016	16.1	15.409	930	17.2	78.5					93
Wet Bulb	369804	13078	14.2	14.146	918	18.0	87.4					93
Dew Point	251609	7561	8.2	14.369	918	29.6	42.6					93

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHOUSE VT JDT APT

57-66

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HO:PS . . . S. I.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

263)6 WHITEHORSE YT DIST APT
STATION NAME

57-66

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/ 47				.2			.2												4	4															
46/ 45				.1	.5	.1													7	7															
44/ 43				.3	2.2	.4	.1												28	28															
42/ 41				.8	2.4	.2													31	31	3														
40/ 39			.3	2.0	3.3	.1													52	52															
38/ 37			1.3	3.5	2.2	.2													66	66	13														
36/ 35		.3	2.5	4.2	.7														71	71	45	3													
34/ 33	.3	.4	3.7	3.3															71	71	67	3													
32/ 31	.2	1.5	4.3	1.2															67	68	97	3													
30/ 29		2.4	2.4	.4															47	54	116	28													
28/ 27		1.2	2.8	.7															43	43	74	40													
26/ 25		.7	2.2	.4															30	31	52	70													
24/ 23		1.6	1.6	.4															34	34	26	83													
22/ 21	.3	.8	1.2																21	21	49	88													
20/ 19		1.3	1.8																29	29	23	93													
18/ 17	.3	2.8	2.6																53	53	32	48													
16/ 15	.1	2.7	.3																29	29	47	41													
14/ 13	.1	2.6	.2																27	27	40	26													
12/ 11	.5	2.6																	29	29	38	35													
10/ 9	1.2	2.8	.1																38	38	39	32													
8/ 7	1.1	2.0																	28	28	33	54													
6/ 5	.9	1.3	.1																21	21	19	48													
4/ 3	1.0	1.4																	22	22	25	37													
2/ 1	1.3	2.1																	31	31	28	38													
0/ -1	.9	1.5																	22	22	25	25													
-2/ -3	.4	.2																	6	6	14	31													
-4/ -5	.7																		6	6	6	23													
-6/ -7	.5	.2																	7	7	7	22													
-8/ -9	.1																		1	1	1	16													
-10/-11																						14													
-12/-13																						11													
-14/-15																						6													
-16/-17																						3													
Element (X)	Σ x ²		Σ x		x̄		s ²		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT OUT APT
STATION STATION NAME

57-66

14 AR

PAGE 2 1500-1700
HOURS 1 5 7

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USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

57-66

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHOUSE YT OUT APT
STATION	STATION NAME

57-66

MAR

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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/MAC

YEARS

57-66

✓ AR

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HOURS : S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT

57-66

PAR

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STATION NAME

YEARS

MONIN

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-22/-23	.4																																	4	4	4	3
-24/-25	.4																																4	4	4	3	
-26/-27	.2																																2	2	2	5	
-28/-29																																				2	
TOTAL	11.143	3.521	2.2	3.4	.5	.1									.2																		921	930	921	921	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

APR
MONTH

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WITLHURST VT OUT APT
STATION	STATION NAME

37-66

APR
MONTH

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
48/ 47						.1												1	1						
46/ 45				.1	.2	.1												3	3						
44/ 43				.2														2	2						
42/ 41			.2	.2														4	4						
40/ 39			.3	.2														5	5	3					
38/ 37		.1	.8	1.4														21	21	9					
36/ 35	.1	.7	1.6	1.3														33	33	9	1				
34/ 33	.2	2.1	3.1															49	49	22	4				
32/ 31	.3	5.0	6.0		.1													103	103	61	16				
30/ 29	1.6	9.1	5.9	.1														142	142	105	44				
28/ 27	1.0	6.6	3.9															103	103	149	66				
26/ 25		5.8	1.0															61	62	103	76				
24/ 23	.9	7.1	1.3															84	84	83	86				
22/ 21	1.2	6.7	.4															75	75	90	117				
20/ 19	.7	5.5	.8															62	62	79	104				
18/ 17	.6	3.7	.1															39	39	61	70				
16/ 15	.3	2.9																29	29	35	87				
14/ 13	.2	1.8																18	18	26	50				
12/ 11		1.0																9	9	13	42				
10/ 9	.1	1.0																10	10	8	32				
8/ 7	1.4	.8																20	20	25	23				
6/ 5	.2	.4																6	6	6	20				
4/ 3	.7	.3																9	9	10	19				
2/ 1		.3																3	3	4	10				
0/ -1		.1																1	1		10				
-2/ -3	.1	.1																2	2	2	9				
-4/ -5	.1	.1																2	2	3	4				
-6/ -9	.1																	1	1	1	3				
-10/-11	.1																	1	1	1	1				
-12/-13	.1																	1	1						
-14/-15																					2				
-16/-17																					1				
-18/-19																					2				
Element (X)	Σ x ²		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		< 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

57-66

APR
MONTH

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HOURS S.T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DIST APT

57-66

APR

PAGE 1 0600-0800

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
50/ 49					.1	.2	.2											4	4															
48/ 47					.1	.2	.1											4	4															
46/ 45					.3	.3	.2											8	8															
44/ 43			.1		.4	.1	.1											7	7															
42/ 41					.8	.3	.1											11	11	4														
40/ 39				.7	.9	.8												21	21	8														
38/ 37		.4	1.2	2.4	.4													41	41	9														
36/ 35		.3	2.8	2.9	.2													56	56	24	3													
34/ 33	.2	1.8	7.0	1.3	.2													95	95	34	9													
32/ 31	.3	3.3	7.1	1.1														107	107	97	13													
30/ 29	.8	5.3	6.4	.1														114	114	124	41													
28/ 27	1.2	4.9	4.9	.4														103	103	144	77													
26/ 25	.3	3.4	2.8	.1														60	60	102	80													
24/ 23	.6	3.4	2.0															72	72	79	93													
22/ 21	.4	4.1	1.2															52	52	80	120													
20/ 19	.4	3.0	.1															32	32	56	111													
18/ 17	.2	2.4	.4	.1														29	29	33	87													
16/ 15	.2	2.2	.1															23	23	26	70													
14/ 13		1.1	.1															11	11	20	42													
12/ 11	.3	1.0																12	12	15	36													
10/ 9	.7	.9																14	14	14	29													
8/ 7	.2	.3																5	5	10	22													
6/ 5	.3	.3																6	6	7	16													
4/ 3	.3																	3	3	4	13													
2/ 1		.1																1	1		10													
0/ -1	.2																	2	2	3	10													
-2/ -3		.1																1	1	1	6													
-4/ -5	.1	.1																2	2	1	2													
-6/ -7		.2																2	2	2	2													
-8/ -9																				1	2													
-12/-13	.1																	1	1	1	1													
-14/-15	.1																	1	1	1														
-16/-17																					3													
-18/-19																					1													
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

26316	WHITTHORSE YT OUT APT
STATION	STATION NAME

57-66

APR
MONTH

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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT DUT APT
STATION	STATION NAME

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APP

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MOLES 63

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
62/ 61										.1								1	1													
60/ 59										.2								2	2													
58/ 57										.1								2	2													
56/ 55									.1	.2	.1							4	4													
54/ 53								.4	.3	.2	.1							10	10													
52/ 51						.1		.6	.7	.4								16	16													
50/ 49						.4		.7	.6	.1								16	16													
48/ 47						.3		.4	.4									11	11													
46/ 45					.2	.6		.7	.2									15	15	?												
44/ 43					.6	1.4	1.8											34	34	13												
42/ 41					.7	4.7	2.7	.1										77	77	15												
40/ 39		.1	.6	2.1	6.6	.3	.1											88	88	23												
38/ 37		.7	1.7	7.6	3.2													118	118	29	1											
36/ 35		.2	5.0	7.3	1.0													122	122	43	2											
34/ 33	.1	1.8	3.0	3.3	.7													98	98	132	10											
32/ 31	.2	1.9	4.1	1.6	.2													72	72	211	22											
30/ 29	.7	1.0	4.6	.4	.1													61	61	155	40											
28/ 27		1.1	2.3															32	32	81	76											
26/ 25		1.8	2.2	.2														38	38	59	100											
24/ 23		1.4	.8	.1														21	21	37	113											
22/ 21		.7	1.0															15	15	29	150											
20/ 19		.4	.3															7	7	19	129											
18/ 17	.1	.7	.2															9	9	12	90											
16/ 15	.1	1.0	.1															11	11	10	50											
14/ 13		.4																6	6	11	31											
12/ 11	.2	.1																3	3	7	25											
10/ 9	.1																	1	1	2	17											
8/ 7		.2																2	2	1	16											
6/ 5		.2																2	2	2	7											
4/ 3	.1	.1																2	2	2	9											
2/ 1																				1	1											
0/ -1		.3																3	3	1	1											
-2/ -3		.1																1	1	3	4											
-10/-11																					1											
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 -HIT-HORSE YT OUT APT
STATION NAME

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MONTH

PAGE 2 0900-1100
HOURS 11:55-1:00

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-12/-13																																					2
-14/-15																																					2
-16/-19																																					1
TOTAL	1.9	14.3	28.4	24.2	19.3	7.6	2.6	1.2	.6																									900	900	900	

Element IX	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$> 32^\circ \text{F}$	$> 67^\circ \text{F}$	$> 73^\circ \text{F}$	$> 80^\circ \text{F}$	$> 93^\circ \text{F}$	
Rel. Hum.	3211264	52121	57.9	14.645	900							
Dry Bulb	1161084	31408	34.9	8.504	900	.4	28.6					90
Wet Bulb	829103	26697	29.7	6.431	900	.4	64.3					90
Dew Point	427111	18667	20.7	6.665	900	1.1	88.7					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DIST APT
STATION NAME

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MONTH

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HOURS 1200-1400

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR HEATER SERVICE/ETAC

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26316 WITNESS VT DIST APT
STATION NAME

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MON

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Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL			TOTAL		
-6/-7 -8/-9		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	.7	7.9	12.8	21.7	24.7	21.3	6.4	1.7	1.7	.7	.4	.1													900	900	900	900	900								

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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APR
MAY

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
68/ 67											1.0							9	9													
64/ 63										.1								1	1													
62/ 61									.3									3	3													
60/ 59								.7	.1	.4								11	11													
58/ 57							.2	.6	.7									13	13													
56/ 55							.4	.2	.2									8	8													
54/ 53						.1	.1	.1	.3									6	6													
52/ 51					.1	.2	1.0	.3										15	15													
50/ 49						.7	.6											11	11													
48/ 47				.3	.4	2.3	1.4	.1										42	42	10												
46/ 45					.8	3.9	1.4	.1										56	56	15												
44/ 43			.1	1.3	3.3	6.9	1.3	.1										118	118	9												
42/ 41		.1	.3	1.6	5.2	5.9	.4											122	122	21												
40/ 39			.9	4.7	6.6	1.7												124	124	35												
38/ 37		.3	1.1	8.3	3.4	1.4	.1											133	133	64	1											
36/ 35		.6	3.2	3.8	1.0	.1												78	78	118	5											
34/ 33		.7	2.9	1.2	.6													48	48	175	8											
32/ 31	.1		2.0	.3														22	22	241	33											
30/ 29	.2	.4	.2		.4													12	12	94	79											
28/ 27		.4	.7	.8														17	17	45	44											
26/ 25		.8	.9	.3														18	18	8	110											
24/ 23																			18	118												
22/ 21		1.0	.4															13	13	13	148											
20/ 19		1.0	.2															11	11	14	140											
18/ 17																				10	80											
16/ 15																				1	58											
14/ 13	.1	.1																2	2	1	46											
12/ 11		.1																1	1	1	31											
10/ 9	.1	.2																3	3	4	13											
8/ 7		.1																1	1		12											
6/ 5		.2																2	2	2	12											
4/ 3																				1	4											
2/ 1																					2											
0/ -1																					2											
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 67 F		= 32 F		≥ 67 F		= 73 F		= 80 F		= 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE YT DUT APT
STATION NO.	STATION NAME

57-66

APR

PAGE 2 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/-3																					3
-4/-5																					1
TOTAL	.6	6.113	22.7	21.9	23.2	7.1	2.2	1.7	.6	1.0								900	900	900	
																		90		900	

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

26316 WHITEHORSE YT DIST APT

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APP

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HOURS (L. S. T.)

[illegible]

USAFETAC FORM 3-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

APR
MONTH

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
58/ 57								.1										1	1													
56/ 55								.2										2	2													
52/ 51						.1	.1											2	2													
50/ 49						.1	.1											2	2													
48/ 47					.1	.1	.3											5	5													
46/ 45					.8	.3	.4											14	14													
44/ 43			.2		.7	.7												14	14													
42/ 41		.1	.0		.3	.6												14	14	7												
40/ 39		.1	.9		2.2	.7												35	35	16												
38/ 37		.1	2.3	3.4	.8	.2												62	62	15	3											
36/ 35		1.4	4.7	4.9	.3													102	102	27	1											
34/ 33		2.0	6.9	5.9	.2													135	135	65	6											
32/ 31	.4	3.8	10.3	2.4														153	153	110	34											
30/ 29	.9	2.9	9.8	1.3														134	134	176	38											
28/ 27	.2	2.1	5.1	.3														70	70	176	65											
26/ 25	.3	1.2	2.3	.1														36	36	126	109											
24/ 23	.4	1.8	1.3															32	32	55	116											
22/ 21	.2	1.3	.6															19	19	36	133											
20/ 19	.1	1.4	.7															20	20	23	130											
18/ 17		1.0	.7															15	15	20	81											
16/ 15	.1	.8	.1															9	9	15	50											
14/ 13	.2	.3	.1															6	6	9	39											
12/ 11		.3																3	3	5	25											
10/ 9	.1	.8																8	8	7	22											
8/ 7	.2	.1																3	3	7	12											
6/ 5	.1																	1	1	1	10											
4/ 3																					12											
2/ 1	.1																	1	1	1	6											
0/ -1	.1																	1	1	1	3											
-2/ -3																					2											
-4/ -5																					1											
-6/ -7	.1																	1	1	1	1											
-10/-11																					1											
Element (X)	Σ X ²	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature				Total										
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																																
Wet Bulb																																
Dew Point																																

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

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HOURS S. T. I.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DOT APT

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITHORSE VT DUT APT

57-66

21AY

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HOURS U. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316 WHITEHOUSE VT DIST APT
STATION NAME

57-66

NAV

PAGE 2 0900-1100
HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT

57-66

DAY

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HOURS (L, S, Y.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

57-66

DAY
MONTH

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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26310	WHITEHORSE VT DOT APT
STATION	STATION NAME

57-66

 MAY
MONTH

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HOURS : L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 9																						6													
8/ 7																						8													
6/ 5																						2													
4/ 3																						3													
2/ 1																						1													
TOTAL	.1	3.0	4.5	7.0	12.6	19.9	18.3	14.1	8.0	5.2	4.3	1.3	1.7	.1					930	930	930	930													

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

YEARS

14Y
MONTH

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HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

44

HOURS: 11:30 A.M. - 5:00 P.M.

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT DOT APT
STATION	STATION NAME

57-66

YEARS

JUN
MONTH

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITENORSE YT DUT APT

57-66

JUN

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HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
62/ 61				.1	.2													3	3					
60/ 59						.1												1	1					
58/ 57					.4	.1												5	5					
56/ 55				.7	.4	.2	.2											14	14	2				
54/ 53		.3	.1	1.6	.9	.1	.2											29	29	1				
52/ 51		.7	.6	2.7	1.2	.6												51	51	7				
50/ 49		.8	2.8	4.0	.9	.2												78	78	23	8			
48/ 47	.1	3.4	5.0	5.1	.8	.1												131	131	37	11			
46/ 45	.3	4.3	4.4	4.8	.8	.2												134	134	126	32			
44/ 43	.4	5.4	4.9	4.6	.8	.1												146	146	123	63			
42/ 41	1.0	4.1	4.1	3.7	.1													117	117	164	116			
40/ 39	.4	4.0	3.0	2.3														106	106	131	119			
38/ 37		1.3	2.9	.2														40	40	126	123			
36/ 35	.2	.9	1.9	.2														29	29	91	94			
34/ 33	.2	.3	.6															10	10	39	108			
32/ 31		.1	.4															5	5	19	70			
30/ 29		.1																1	1	9	74			
28/ 27																				2	49			
26/ 25																					23			
24/ 23																					6			
22/ 21																					3			
16/ 15																					1			
TOTAL	2.8	25.9	32.7	29.9	6.6	1.8	.4											900	900	900	900			

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5037111	66525	73.9	12.470	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1810016	40114	44.6	4.957	900		.6					90
Wet Bulb	1510920	36660	40.7	4.429	900		3.0					90
Dew Point	1220469	32763	36.4	5.543	900		22.6					90

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

JUN
MONTH

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HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71									.1									1	1																
70/ 69									.1									1	1																
68/ 67									.1		.1							2	2																
66/ 65								.2	.2	.1								5	5																
64/ 63						.2	.3	.4										9	9																
62/ 61					.2	.6	.2	.4										13	13																
60/ 59				1.0	2.0	1.0	.4											40	40																
58/ 57		.1	.3	2.0	2.1	.3	.3	.1										48	48																
56/ 55		.4	1.6	3.3	2.8	.3												76	76	2															
54/ 53	.2	1.2	2.7	2.7	2.0	.9												87	87	10															
52/ 51	.3	2.7	3.6	3.7	1.8	.7												114	114	40															
50/ 49	1.4	3.2	5.2	4.0	.9	.3												136	136	87	7														
48/ 47	.2	1.1	4.0	3.7	3.2	1.3												122	122	124	30														
46/ 45		3.0	2.0	3.4	2.8	.4												105	105	147	53														
44/ 43	.3	1.7	1.0	3.0	.8	.1												62	62	157	96														
42/ 41	.4	1.7	1.1	1.7	.2													46	46	125	118														
40/ 39	.1	.7	.6	.7	.1													19	19	91	122														
38/ 37	.1	.4		.1														6	6	79	107														
36/ 35	.3	.1	.1															5	5	26	96														
34/ 33	.2	.1																3	3	10	74														
32/ 31																				2	62														
30/ 29																					66														
28/ 27																					32														
26/ 25																					20														
24/ 23																					12														
22/ 21																					1														
20/ 19																					4														
TOTAL	1.8	10.8	16.4	25.9	24.0	14.2	4.3	1.9	.6		.1							900	900	900	900														

Element (X)	Σ x'	Σ x	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3835057	57097	63.4	15.384	900							
Dry Bulb	2282077	45027	50.0	5.716	900				.4			90
Wet Bulb	1751112	39508	43.9	4.323	900							90
Dew Point	1287143	33621	37.4	5.889	900							90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITTHORSE VT OUT APT
STATION	STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

HOURS	1	5	T
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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT DOT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 2 0900-1100
HOURS : L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DIST APT

57-66

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PAGE 1 1200-1400

HOURS (1 S.T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316 WHITENORSE VT OUT APT
STATION STATION NAME

57-66

JUN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
18/ 17																						3										
16/ 15																						1										
TOTAL	.3	3.9	4.2	4.9	5.1	8.2	15.2	22.0	13.3	10.1	6.4	3.2	2.4	.6					900	900	900	900										
								</																								

2

DATA PROCESSING DIVISION
USAF ETAT
AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 ANITHORSE VT DUT APT
STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 1500-1700

HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85														.3	.1						4	4		
84/ 83														.1	.2						3	3		
82/ 81														.3	.1	.1					5	5		
80/ 79													.1	.7	.2						9	9		
78/ 77												.4	.3	.2							9	9		
76/ 75										.4	.4	.7	.7	.1							21	21		
74/ 73										.4	1.3	.7	.1								23	23		
72/ 71									.4	1.7	2.1	.9									46	46		
70/ 69							.1	.6	1.7	3.8	1.9										72	72		
68/ 67							.6	1.8	1.6	2.2	.4										59	59		
66/ 65						.6	.8	2.3	1.8	1.8	.2										67	67		
64/ 63					.2	.7	2.3	2.0	1.7	1.2	.1										74	74		
62/ 61			.2	.3	.4	2.8	2.3	2.8	.4												84	84		
60/ 59		.2	.7	1.2	3.2	1.4	1.8	.2													79	79	6	
58/ 57	.1	.2	.4	.8	2.2	2.4	3.7	.8													96	96	17	
56/ 55	.1	.2	.4	.8	1.3	2.0	3.1	.3													75	75	61	
54/ 53		1.1	1.3	.8	.9	1.6	1.4														64	64	97	1
52/ 51	.7	.3	1.1	1.0	.3	.2	.2														35	35	148	5
50/ 49	.8	.9	.9	.4	.9																34	34	127	12
48/ 47	.6	.9	.4	.1	.4																22	22	140	28
46/ 45	.7	.6	.2	.1																	14	14	122	49
44/ 43	.1	.2	.1																		4	4	95	58
42/ 41		.1																			1	1	59	82
40/ 39																							26	90
38/ 37																							2	97
36/ 35																								103
34/ 33																								71
32/ 31																								86
30/ 29																								54
28/ 27																								56
26/ 25																								97
24/ 23																								33
22/ 21																								23
20/ 19																								13
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITENORSE YT OUT APT
STATION	STATION NAME

57-66

JUN
MON

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	AMITANKSE VT UNIT APT
STATION	STATION NAME

57-66

YEARS

JUN.
 MONTH

PAGE 1 1800-2000
HOURS - L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHOUSE YF DUT APT
STATION	STATION NAME

57-66

YEARS

JUN

MONTH

PAGE 2 1800-2000

HOURS 11 5 T

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITTHURSE YT DUT APT
STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 2100-2300

HOURS 11:30 a.m. - 5 p.m.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/ 77													.1					1	1																
76/ 75											.1							1	1																
74/ 73										.1	.2							3	3																
72/ 71									.1	.1								2	2																
70/ 69									.3	.8								10	10																
68/ 67								.3	.7	.3	.1							13	13																
66/ 65							.1	1.0	1.0	.1								20	20																
64/ 63						.3	.4	1.4	.2									22	22																
62/ 61					.2	.9	1.3	.9	.2									32	32																
60/ 59				.7	.7	2.6	2.3	.7	.2									64	64																
58/ 57		.2	1.1	1.9	1.7	2.2	.2	.1										67	67	1															
56/ 55	.2	.6	1.7	2.7	2.3	1.3	.2	.1										82	82	5															
54/ 53	.6	1.1	1.7	3.4	2.9	1.0	.2											98	98	32															
52/ 51	1.4	2.0	2.1	2.7	1.7	1.0												98	98	74	7														
50/ 49	.1	2.1	1.6	3.0	4.4	1.7	.3											119	119	117	19														
48/ 47		2.0	2.2	2.8	2.2	1.3	.2											97	97	136	43														
46/ 45		1.3	2.1	3.0	2.9	.4	.1											89	89	132	58														
44/ 43	.3	1.0	.6	1.7	1.7	.3												50	50	118	72														
42/ 41		.7	.6	1.1	.4													25	25	118	92														
40/ 39	.1		.1	.1														3	3	80	97														
38/ 37	.1	.3																4	4	59	104														
36/ 35																				22	113														
34/ 33																				6	83														
32/ 31																					68														
30/ 29																					46														
28/ 27																					33														
26/ 25																					31														
24/ 23																					17														
22/ 21																					12														
20/ 19																					3														
18/ 17																					1														
16/ 15																					1														
TOTAL	.7	9.7	11.0	18.9	23.2	16.1	10.4	5.0	3.0	1.4	.4		.1					900																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DOT APT

57-66

JUL

SALES

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

00000020
HOURS 11 57

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
68/ 67							.1											1	1							
66/ 65							.2											3	3							
64/ 63							.1											1	1							
62/ 61						.3	.4		.1									8	8							
60/ 59			.1	.3	1.4	1.1	.8	.1										37	37							
58/ 57	.1	.4	.4	1.4	3.2	2.3	.5											78	78	3	2					
56/ 55		.9	.9	2.8	2.8	1.2												79	79	11	1					
54/ 53		1.0	2.9	6.2	4.4	.3												140	140	23	10					
52/ 51	.1	2.2	3.3	5.8	2.8	.2	.1											135	135	62	7					
50/ 49	.1	2.5	4.0	8.1	2.4	.1												159	159	122	35					
48/ 47	.1	2.3	3.7	5.3	.9													113	113	195	61					
46/ 45	.2	3.3	4.3	2.6	.2	.1												102	102	172	108					
44/ 43	.1	1.2	2.3	.8														40	40	155	123					
42/ 41	.3	.5	1.3	.4														24	24	114	138					
40/ 39		.3	.4															7	7	49	142					
38/ 37		.1																1	1	16	138					
36/ 35		.2																2	2	6	101					
34/ 33																				2	28					
32/ 31																					24					
30/ 29																					10					
28/ 27																					1					
26/ 25																					1					
TOTAL	1.1	15.1	23.5	33.9	18.4	6.1	1.7	.2										930	930	930	930					

Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4658741	64823	69.7	12.299	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2431678	47348	50.9	4.766	930			.1				93
Wet Bulb	1967709	42627	45.8	3.865	930							93
Dew Point	1582257	38099	41.0	4.807	930		3.6					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITELHURST YF DUT APT

57-66

YEARS

JUL
MONTH

PAGE 1 0300-0500

HOURS 11-5-7

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61				.3	.1													1	1		
60/ 59					.2	.2	.1											8	8		
58/ 57		.2	.6	1.3	.5	.3												28	28		
56/ 55	.1	.9	.6	1.8	1.9	.4												54	54	6	3
54/ 53		.5	2.2	5.6	2.3													98	98	17	4
52/ 51		1.8	6.2	5.3	1.0													133	133	37	7
50/ 49		4.0	5.4	6.1	.3													151	151	73	35
48/ 47	.2	3.2	8.0	5.2	.3													157	157	192	53
46/ 45	.8	4.6	6.5	2.3														131	131	177	105
44/ 43		3.3	4.6	1.0														83	83	156	134
42/ 41	.3	2.3	2.2	.2														46	46	139	155
40/ 39	.2	1.0	1.8															28	28	77	135
38/ 37		.6	.3															9	9	39	153
36/ 35		.2																2	2	14	75
34/ 33		.1																1	1	3	50
32/ 31																					17
30/ 29																					4
TOTAL	1.6	22.8	38.8	29.0	6.7	1.0	.1											930	930	930	930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

76316 WHITEHORSE VT OUT APT

57-66

JUL

PAGE 1 0600-0800

HOIR 6 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
72/ 71								.1										1	1													
70/ 69									.1									1	1													
68/ 67								.1										1	1													
66/ 65						.1	.1	.4	.6									12	12													
64/ 63						.5	.6	1.2	.1									23	23													
62/ 61				.4	.8	1.4	.9	.1										33	33													
60/ 59			.1	.8	2.8	2.5	.4											61	61													
58/ 57		.2	.8	2.9	4.3	2.5	.1											100	100	3												
56/ 55		.5	1.8	5.1	5.3	1.4												131	131	19	1											
54/ 53		.9	3.0	5.7	5.5	.4												144	144	48	4											
52/ 51		2.5	2.8	6.6	3.1	.3												142	142	120	13											
50/ 49	.1	2.4	3.2	5.8	2.0	.1												127	127	173	59											
48/ 47		2.9	3.8	2.8	.3													91	91	197	84											
46/ 45		1.6	1.5	1.3	.1													42	42	172	133											
44/ 43	.1	1.1	.9															19	19	122	154											
42/ 41		.1	.1															2	2	58	168											
40/ 39																				17	160											
38/ 37																				1	95											
36/ 35																					48											
34/ 33																					23											
32/ 31																					3											
30/ 29																					2											
28/ 27																					3											
TOTAL	.212	.218	.031	.324	.8	9.5	3.0	1.0	.1									930	930	930	930											

DATA PROCESSING DIVISION
USAF ETAC
AIR MASTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT OUT APT
STATION	STATION NAME

57-66

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PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85														.2	.2			4	4						
84/ 83													.5	.2	1.0			18	18						
82/ 81												.4	.3	.6	.4			17	17						
80/ 79											.3	.1	.9	.6	.5			23	23						
78/ 77										.3	.4	.9	1.5	1.0				38	38						
76/ 75									.1	.2	1.4	1.4	1.1	.6				45	45						
74/ 73									.1	1.7	1.5	1.1		.1				42	42						
72/ 71						.1	.1	.8	1.8	2.3	.5	.3						55	55						
70/ 69					.1		1.0	.8	1.9	1.8	.8	.1						60	60						
68/ 67					.1	.5	1.2	2.5	3.3	1.6								86	86						
66/ 65				.1	.5	1.1	2.2	2.4	3.0	.4								90	90						
64/ 63				.2	1.5	1.0	2.9	2.8	2.2	.2								100	100	2					
62/ 61			.1	.6	1.0	1.8	3.5	3.1	.6	.1								102	102	18					
60/ 59			.1	.8	1.5	2.7	2.8	1.5	.2									89	89	33					
58/ 57			.4	.9	.8	1.8	1.7	.4										56	56	100	1				
56/ 55		.3	.6	.8	1.1	1.4	.3											42	42	132	5				
54/ 53		.3	.9	.9	.4	.9												31	31	148	18				
52/ 51		.5	.4	.2	.3													14	14	149	30				
50/ 49		.8	.6															13	13	171	59				
48/ 47		.2	.1															3	3	113	67				
46/ 45		.2																2	2	53	89				
44/ 43																				9	92				
42/ 41																					105				
40/ 39																					150				
38/ 37																					89				
36/ 35																					83				
34/ 33																					58				
32/ 31																					32				
30/ 29																					37				
28/ 27																					6				
26/ 25																					6				
24/ 23																					2				
22/ 21																					1				

Element (X

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26316 WHITINGHOUSE YT DIST APT
STATION NAME

57-66

JUL
MONTH

PAGE 1 2100-2300
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/ 77									.1	.1								2	2																
76/ 75									.1									1	1																
74/ 73									.1	.2	.2							6	6																
72/ 71							.1	.2	.1	.2	.1							9	9																
70/ 69							.2	.3	.2	.4	.2							13	13																
68/ 67							.2	.9	1.2	.1	.1							23	23																
66/ 65							.3	1.2	1.0	1.0								32	32																
64/ 63				.2	.4	1.6	1.4	1.4	.2									49	49																
62/ 61				.3	1.2	3.0	1.9	.9	.1									69	69																
60/ 59		.4	.6	.9	3.2	2.9	2.0	.3										97	97	3															
58/ 57	.1	.4	1.2	1.2	3.8	3.4	.6											100	100	24	2														
56/ 55		1.0	1.5	4.0	4.3	2.8	1.0											135	135	46	9														
54/ 53		.9	1.9	3.2	6.5	1.3	.2											130	130	90	12														
52/ 51	.1	.6	1.4	3.5	4.2	.8												104	104	135	25														
50/ 49		1.4	2.4	3.3	1.6	.3												84	84	167	57														
48/ 47	.1	1.9	1.9	1.7	.5													58	58	161	66														
46/ 45		.4	.5	.4	.1													14	14	163	135														
44/ 43		.2	.1															3	3	98	112														
42/ 41																				33	126														
40/ 39			.1															1	1	9	134														
38/ 37																				1	116														
36/ 35																					64														
34/ 33																					40														
32/ 31																					24														
30/ 29																					5														
28/ 27																					3														
TOTAL	.3	7.3	12.3	18.8	25.8	16.7	9.6	5.3	1.9	1.2	.8	.1						930	930	930	930														

Element (X)	Σ x'	Σ x	x̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3621122	56324	60.6	15.033	930							
Dry Bulb	2968929	52235	56.2	5.943	930			5.4	.9			93
Wet Bulb	2214305	45235	48.6	3.921	930							93
Dew Point	1660050	38988	41.9	5.247	930		3.2					93

AD-A100 243

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WHITEHOUSE APT, YUKON TERRITORY, CANADA, REVISED UNIFORM SUMMARY--ETC
JAN 72

DECLASSIFIED USAFETAC/DS-81/038

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

AUG

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
76/ 75								.1	.2	.4	.1							1	1												
74/ 73								.1	.2	.4	.1							10	10												
72/ 71								.5	.6	.3								14	14												
70/ 69								.2	1.5	.5	.2							23	23												
68/ 67							.1	.9	1.4	.8								29	29												
66/ 65							.8	2.0	1.4	.4								43	43												
64/ 63					.6	1.1	2.2	.9	.1									45	45												
62/ 61				.5	1.1	3.5	2.5	.4	.3									78	78	1											
60/ 59			.2	.5	3.7	4.8	1.7	.1										103	103	2											
58/ 57			.8	1.3	4.8	3.1	1.3	.1										106	106	20											
56/ 55		.2	1.8	3.0	5.6	2.8	.4											129	129	57	1										
54/ 53		1.0	1.1	2.7	3.4	1.9		.1										95	95	87	4										
52/ 51		1.2	1.5	2.6	2.3	.4	.1											75	75	162	19										
50/ 49	.2	2.6	2.0	2.0	1.5	.4												82	82	176	45										
48/ 47		1.4	1.3	.6	.2	.1												34	34	162	85										
46/ 45		1.9	1.1	.6	.1													35	35	115	141										
44/ 43		1.4	.3	.1	.2													19	19	97	141										
42/ 41	.2	.4	.1		.1													8	8	31	166										
40/ 39				.1														1	1	13	124										
38/ 37																				4	82										
36/ 35																				2	67										
34/ 33																				1	21										
32/ 31																					14										
30/ 29																					9										
28/ 27																					7										
26/ 25																					1										
24/ 23																					2										
22/ 21																					1										
TOTAL	.4	10.1	10.2	14.2	23.7	19.1	11.4	6.7	3.0	1.1	.1							930	930	930	930										

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3572848	55786	60.0	15.615	930							
Dry Bulb	3018602	52622	36.6	6.652	930			7.7	1.1			93
Wet Bulb	2231767	45399	48.8	4.093	930							93
Dew Point	1658906	39014	42.0	4.894	930		3.4					93

USAFETAC
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	SMITHBORSE VT OUT APT
STATION	STATION NAME

57-66

AUG

PAGE 1 1800-2000
HOURS (S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.*W.B.	Dry Bulb	Wet Bulb	Dew Point													
80/ 79												.3	.1	.1				5	5															
78/ 77											.4	.4						8	8															
76/ 75									.1	.8	.5							13	13															
74/ 73								.1	.4	1.1	.9	.1						24	24															
72/ 71						.2	.2	1.1	1.3	.3								29	29															
70/ 69					.1	.4	1.0	1.2	1.2									36	36															
68/ 67					.3	1.1	1.3	1.3	.3									42	42															
66/ 65					.5	1.7	1.5	1.1										45	45															
64/ 63					.4	1.2	2.3	2.3	.3									60	60															
62/ 61			.1	.2	1.0	2.6	1.8	1.0	.2									64	64															
60/ 59		.1	.1	.3	2.4	3.4	2.8	.6	.1									92	92	10														
58/ 57		.1	.2	1.2	2.8	3.1	2.4	.2										93	93	39	1													
56/ 55	.1	.5	.9	2.5	3.7	3.0	1.1	.1										110	110	82	4													
54/ 53		.6	1.2	2.3	3.8	1.6	.5											93	93	83	5													
52/ 51		1.2	1.7	2.7	1.8	.8	.2											78	78	148	15													
50/ 49	.1	2.8	1.1	1.5	1.4	.1												65	65	170	37													
48/ 47		1.7	1.4	1.0	.4	.1												43	43	154	75													
46/ 45	.3	1.2	.1	.3	.1													19	19	136	122													
44/ 43		.3	.1		.2													6	6	72	139													
42/ 41				.1	.1													2	2	27	147													
40/ 39		.3																3	3	10	116													
38/ 37																				1	89													
36/ 35																				4	85													
34/ 33																					52													
32/ 31																					20													
30/ 29																					10													
28/ 27																					4													
26/ 25																					6													
24/ 23																					3													
TOTAL	.5	8.9	6.9	12.0	18.1	16.9	14.5	8.3	5.8	4.8	2.2	.9	.1	.1				930	930	930	930													
Element (X)	Σ x'				Σ x				x				x ₂				No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.	3131410				31484				55.4				17.401				930				≤ 0 F		- 32 F		* 67 F		* 73 F		* 80 F		* 93 F		Total	
Dry Bulb	3234013				34373				58.5				7.699				930								15.7		5.0		.3		93			
Wet Bulb	2277020				45848				49.3				4.248				930														93			
Dew Point	1504510				38320				41.2				5.243				930						4.3								93			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT OUT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

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HOURS () S Y

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DATA PROCESSING DIVISION
JSAF ETAC
AIR CATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26310 WHITEHORSE YT OUT APT

57-66

S E P

PAGE 1 1500-1700

HOURS: 9-5, 10-11

Temp.		WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
F		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
74/ 73											.2	.3							5	5													
72/ 71											.1								1	1													
70/ 69									.2	.2	.1	.1							6	6													
68/ 67							.2	.3	.3	.3	.1								12	12													
66/ 65							.2	1.8	.3	.1									22	22													
64/ 63							.3	.6	1.3	1.6									34	34													
62/ 61							.7	1.4	1.1	1.1	.1								40	40													
60/ 59					.7	1.4	1.9	1.6	.9	.1									59	59													
58/ 57			.1	.7	1.7	3.4	1.4	1.1	.1										77	77													
56/ 55		.2	.4	.6	2.0	3.4	2.0	.7											84	84	11												
54/ 53		.1	.2	.8	3.1	3.0	2.6	.6											93	93	27												
52/ 51	.3	.1	.3	1.0	3.0	2.9	2.1	.2											90	90	66	7											
50/ 49		.2	.2	1.7	5.0	2.9	1.3												102	102	84	10											
48/ 47	.1	.8	.9	2.8	4.1	1.8	.2												96	96	88	18											
46/ 45	.1	1.6	1.7	1.7	2.3	.1													67	67	126	33											
44/ 43		1.8	1.1	.9	1.1	.3													47	47	118	44											
42/ 41		.9	.6	.3	.4														20	20	171	58											
40/ 39		1.2	.6	.3															19	19	98	114											
38/ 37	.1	.9	.4	.3															16	16	63	104											
36/ 35	.4	.2																	6	6	29	97											
34/ 33	.2																		2	2	12	112											
32/ 31	.1	.1																	2	2	4	93											
30/ 29																					1	65											
28/ 27																						51											
26/ 25																						34											
24/ 23																						30											
22/ 21																						21											
20/ 19																						6											
18/ 17																						3											
TOTAL		1.4	8.1	6.6	11.7	24.2	21.0	13.4	8.2	3.8	1.0	.6							900	900	900	900											

Element X	Σ x'	Σ x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2492331	48663	54.1	17.043	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2518401	47167	52.4	7.191	900		.2	2.4	.5			90
Wet Bulb	1770610	39682	44.1	4.832	900		.5					90
Dew Point	1145800	31572	35.1	6.523	900		30.3					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITTHORSE VT DIST APT
STATION	STATION NAME

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SEP

PAGE 1 1800-2000
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71										.1								1	1				
70/ 69																		1	1				
66/ 65								.1	.2	.1								4	4				
64/ 63								.4	.7									10	10				
62/ 61					.1	.2	.7	.3	.2									14	14				
60/ 59				.6	.4	.8	.7	.1										23	23				
58/ 57			.3	.3	1.1	1.9	1.0	.6										47	47				
56/ 55			.4	1.3	2.0	2.1	1.1	.1										64	64				
54/ 53		.4	.4	2.8	2.8	1.3	.9											78	78	12			
52/ 51	.3	.4	.4	2.2	2.1	.9	.4											62	62	32	5		
50/ 49		.6	1.8	4.1	2.8	1.3	.4											99	99	52	12		
48/ 47		.8	2.1	3.9	2.6	.8												91	91	89	12		
46/ 45		2.1	2.4	5.7	3.1	.8												127	127	107	29		
44/ 43	.1	2.6	3.0	4.4	.8	.1												99	99	116	55		
42/ 41	.1	2.8	2.9	2.1	.3													74	74	140	78		
40/ 39	.1	1.4	1.3	.9	.1													35	35	148	130		
38/ 37	.3	1.6	1.2	.6	.1													34	34	97	97		
36/ 35	.3	.9	.7	.2														19	19	55	106		
34/ 33	.3	.6	.2	.1														11	11	27	113		
32/ 31	.2	.1																3	3	15	92		
30/ 29		.4																4	4	6	87		
28/ 27																				4	48		
26/ 25																					33		
24/ 23																					12		
22/ 21																					9		
20/ 19																					2		
TOTAL	1.9	14.6	17.4	28.7	18.4	9.9	5.9	2.6	.6	.1								900	900	900	900		

Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3977464	58102	64.6	15.874	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2111635	43167	48.0	6.770	900		.7	.2				90
Wet Bulb	1620520	37930	42.1	4.945	900		2.5					90
Dew Point	1184936	32224	35.8	5.889	900		26.3					90

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

57-66

OCT

STATION

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
54/ 53							.1	.1											2	2				
52/ 51					.1	.1			.1										3	3				
50/ 49					.4														4	4				
48/ 47					.5	.3													8	8				
46/ 45			.1	.4	1.2	.2	.2												20	20	1			
44/ 43			.2	2.4	.9	.4													36	36	9			
42/ 41	.2	1.1	3.5	1.2	.5	.1													62	62	26			
40/ 39	.1	1.3	3.7	1.0	.2														58	58	45			
38/ 37	.2	3.9	3.5	.3															74	74	63			
36/ 35		4.6	6.1	1.0															109	109	89			
34/ 33	1.3	5.5	2.8	.6															95	95	106			
32/ 31	1.8	4.4	2.4	.3															83	83	133			
30/ 29	1.7	4.4	1.1																67	67	89			
28/ 27	1.6	3.0	.8																50	50	78			
26/ 25	1.4	3.5	.9																54	54	55			
24/ 23	.8	2.2	.1																28	28	38			
22/ 21	1.1	2.0																	30	30	34			
20/ 19	1.0	2.3																	30	30	30			
18/ 17	.9	1.4																	21	21	30			
16/ 15	1.0	.9																	17	17	20			
14/ 13	2.2	1.0																	29	29	31			
12/ 11	.9	.3																	11	11	12			
10/ 9	.8	.3																	10	10	10			
8/ 7	.5	.4																	9	9	8			
6/ 5	.5	.1																	6	6	9			
4/ 3	.8	.1																	8	8	7			
2/ 1	.1																		1	1	2			
0/ -1	.3	.1																	4	4	4			
-2/ -3	.1																		1	1	1			
-4/ -5																								
-6/ -7																								
TOTAL	19.1	43.1	27.7	7.5	1.8	.3	.2	.1											930		930			
Element (X)	Σ X'	Σ X	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	5951309	73603	79.1	11.653	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	968447	28593	30.7	9.807	930	.5	45.9					93												
Wet Bulb	830000	26582	28.6	8.694	930	.5	59.1					93												
Dew Point	642127	22993	24.7	8.904	930	2.1	78.2					93												

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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HOURS 11-5-7

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT

57-66

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5. *Staphylococcus aureus*

STATION NAME

YEARS

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HOURS (L. S. Y.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DOT APT

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STATION

STATION NAME

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MONTH

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HOURS : S. I.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITFHORSE YT OUT APT

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STATION NAME

YEARS

MONTH

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HOURS: 11:30 A.M. - 10:00 P.M.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE YT OUT ART
STATION	STATION NAME

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OCT
MONTH

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26310 WHITEHORSE VT DITT APT

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OCT

STATION

STATION NAME

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PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
66/ 65									.1									1	1				
64/ 63									.2									2	2				
62/ 61							.3											3	3				
60/ 59							.2	.2										4	4				
58/ 57						.3												3	3				
56/ 55					.1													1	1				
54/ 53				.1	.1				.1									3	3				
52/ 51			.3	.5	.4			.3										15	15	1			
50/ 49			1.0	1.4	.2	.4	.2											30	30	7			
48/ 47			1.6	1.8	.8	.2												46	46	5			
46/ 45			1.2	2.6	1.3	1.0	.2											58	58	9			
44/ 43			1.3	4.5	2.4	.6	.2											86	86	26	1		
42/ 41		.8	2.2	2.9	1.6	.4												73	73	45	6		
40/ 39	.3	.9	3.3	3.5	1.2	.2												88	88	73	16		
38/ 37	.1	2.5	2.7	3.1	.9													86	86	111	35		
36/ 35	.2	3.1	3.8	2.8	.3													95	95	129	56		
34/ 33	.4	3.4	2.4	.9														66	66	93	81		
32/ 31	.5	2.4	1.6	.8														49	49	124	85		
30/ 29	.9	2.6	1.1															42	42	84	109		
28/ 27	.8	2.0	.9	.3														37	37	53	92		
26/ 25	.4	.9	.8	.1														20	20	28	109		
24/ 23	.1	1.5	1.1															25	25	15	73		
22/ 21	.5	2.7	.2															32	32	35	60		
20/ 19	.4	1.6	.2															22	22	37	49		
18/ 17	.6	1.0																15	15	23	37		
16/ 15	.1	.8																8	8	6	37		
14/ 13	.2	.4																6	6	12	29		
12/ 11		.3																3	3		16		
10/ 9	.2	.5																7	7	8	14		
8/ 7	.2	.1																3	3	5	8		
6/ 5																					8		
4/ 3	.1																	1	1	1	3		
2/ 1																					3		
0/ -1																					3		
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DUT APT

57-66

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PAGE 2 1500-1700
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

OCT
MONTH

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
56/ 55					.2	.4		.2										8	8						
54/ 53					.1		.1											2	2						
52/ 51				.1	.1	.1		.1										4	4						
50/ 49				.8	.2		.1											10	10						
48/ 47			.2	.6	.4	.1	.1											14	14	3					
46/ 45		.1	.8	1.5	.5	.3	.1											31	31	8					
44/ 43		.5	1.4	1.9	.4	.2	.1											43	43	14					
42/ 41		.8	3.0	3.2	.4		.1											70	70	31					
40/ 39		1.6	4.0	2.6	.8	.1												84	84	45	12				
38/ 37	.4	2.4	3.5	1.8	.2	.1												97	97	70	31				
36/ 35	.5	4.2	5.1	2.5	.1													115	115	126	40				
34/ 33	.4	3.9	3.2	.8														77	77	111	81				
32/ 31	1.2	5.2	2.6	.5														88	88	119	95				
30/ 29	.9	4.0	2.0	.1														65	65	103	112				
28/ 27	1.5	1.5	1.1															37	37	92	117				
26/ 25	.9	1.0	.8															24	24	31	89				
24/ 23	.3	1.7	.6															25	25	25	73				
22/ 21	1.0	2.7	.4															38	38	28	54				
20/ 19	.9	1.7	.2															26	26	38	44				
18/ 17	.6	.9																14	14	23	42				
16/ 15	.8	.5																12	12	16	25				
14/ 13	.3	1.0																12	12	9	30				
12/ 11	.6	.6																12	12	12	19				
10/ 9	.2	.4																6	6	9	17				
8/ 7		.2																2	2	3	15				
6/ 5	.8	.2																9	9	9	6				
4/ 3	.4																	4	4	4	1				
2/ 1	.1																	1	1	1	14				
0/ -1																					3				
-2/ -3																					1				
TOTAL	11.8	34.9	30.9	16.5	3.5	1.4	.6	.3										930	930	930	930				

Element (X)	Z _{X'}	Z _X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	5357555	69431	74,713,687	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1105593	30875	33.2	9.313	930		37.5				93
Wet Bulb	910746	28148	30.3	7.956	930		52.2				93
Dew Point	667628	23720	25.5	8.211	930	.4	75.7				93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26310 WHITEHORSE YT DJT APT
STATION NAME

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ECT
MONTH

PAGE 2

2100-2300

HOURS || S T)

Temp		WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
F		1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
71	TAL	6.5	8.6	32.3	9.0	2.5	.9	.3										930	930	930	930			

USAFETAC
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RECEIVED DEFENSE INFORMATION SYSTEMS CENTER
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26310 WHITEHORSE VT OUT APT

57-66

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PAGE 1 0000-0200

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316

WHITEHORSE YT OUT APT

57-66

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STATION NAME

YEARS

MONTH

PAGE 2

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HOURS: 9-5, T-F

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26310	WHITEHORSE YT OUT APT
STATION	STATION NAME

57-66

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PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
44/ 43				.2														2	2															
42/ 41			.4	.6														7	7															
40/ 39		.3	.9	.1														7	7															
38/ 37		1.2	.6	.3														21	21	12														
36/ 35		.4	1.4	.3														21	21	16	5													
34/ 33	.3	1.4	1.1		.1													27	27	15	10													
32/ 31		2.9	1.3	.2														40	40	34	16													
30/ 29		3.4	.8	.1														39	39	46	18													
28/ 27	.6	3.4	.7															60	60	56	43													
26/ 25	.9	4.8	.1															52	52	69	44													
24/ 23	1.4	2.7																37	37	50	54													
22/ 21	1.8	3.3																46	46	45	63													
20/ 19	1.6	2.8																39	39	43	47													
18/ 17	3.0	2.0																45	45	49	51													
16/ 15	4.3	.9																47	47	52	49													
14/ 13	2.6	1.3																35	35	29	55													
12/ 11	3.2	.8																36	36	40	40													
10/ 9	2.8	.9																33	33	35	30													
8/ 7	3.9	1.2																46	46	44	36													
6/ 5	3.9	.6																40	40	41	31													
4/ 3	3.4																	31	31	35	42													
2/ 1	2.9																	26	26	26	43													
0/ -1	1.6	.1																15	15	14	29													
-2/ -3	2.1																	19	19	20	22													
-4/ -5	1.6	.1																15	15	15	18													
-6/ -7	2.3																	21	21	21	22													
-8/ -9	.9																	8	8	8	18													
-10/-11	1.0																	9	9	9	17													
-12/-13	.8																	7	7	7	6													
-14/-15	1.3																	12	12	12	10													
-16/-17	1.3																	12	12	12	8													
-18/-19	.6																	5	5	5	10													
-20/-21	.8																	7	7	7	11													
-22/-23	.7																	6	6	6	9													
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

U.S. USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

26316	WHITEHORSE YT OUT APT
STAT ON	STATION NAME

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PAGE 2 0300-0500
HOURS (L.S.T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26316 WHITENORSE VT OUT APT

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HOURS (L-S-T-)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
-26/-27	.6																	5	5	5	13		
-28/-29	.6																	5	5	5	8		
-30/-31	.4																	8	8	8	7		
-32/-33	.4																	4	4	4	3		
-34/-35	.1																	1	1	1	7		
-36/-37																					3		
TOTAL	54.8	36.3	6.8	1.8	.3													899	900	899	899		

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 AMITRITHSE VT DUT APT

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HOURS L. S. T.

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26316 WHITEHORSE VT OUT APT

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4.2.3.3. *Hydrolysis*

PAGE 2 C900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-24/-25	.9																																8	8	8	8
-26/-27	.9																																8	8	13	
-28/-29	.2																																2	2	2	4
-30/-31	.7																																6	6	6	8
-32/-33	.1																																1	1	1	3
-34/-35	.1																																1	1	1	2
-36/-37																																				4
-40/-41																																				1
TOTAL	47.439	1.11	1.4	1.8	.2																												900	900	900	900

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6023396	73222	81.4	8.146	899							
Dry Bulb	432720	13116	14.6	16.392	900	16.3	79.5					90
Wet Bulb	381609	12199	13.6	15.514	900	16.4	85.1					90
Dew Point	305590	8770	9.7	15.648	900	22.1	88.8					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT DOT APT

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NDV

STATION

STATION NAME

YEARS

MONTH

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT WPT

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

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NOV
MONTH

PAGE 2 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
-20/-21	.8																	7	7	7	5												
-22/-23	1.2																	11	11	11	5												
-24/-25	.6																	5	5	5	10												
-26/-27	.4																	5	5	5	9												
-28/-29	.1																	1	1	1	5												
-30/-31																					4												
-32/-33	.1																	1	1	1													
-34/-35																					1												
-36/-37																					1												
TOTAL	44.9	40.1	10.2	4.2	.6	.2												900	900	900	900												

Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5938723	72659	80.7	8.999	900							90
Dry Bulb	477087	14867	16.5	16.047	900	14.7	75.1					90
Wet Bulb	415922	13816	15.4	15.058	900	14.8	84.5					90
Dew Point	322483	10263	11.4	15.117	900	20.4	88.2					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 1800-2000

WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23	.5																														5	5	5	10
-24/-25	1.4																														13	13	13	3
-26/-27	.8																														7	7	7	14
-28/-29	.2																														2	2	2	10
-30/-31	.3																														3	3	3	4
-32/-33	.1																														1	1	1	3
-34/-35																																		1
-36/-37																																		1
TOTAL	50.1	40.1	7.2	2.4		.1																									900	900	900	900

Element	$\Sigma x'$	Σx	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Rel. Hum.	6185164	74256	82.5	8.070	900							90
Dry Bulb	441119	13601	15.1	16.188	900	15.1	79.3					90
Wet Bulb	193468	12758	14.2	15.379	900	15.2	85.0					90
Dew Point	317271	9529	10.6	15.514	900	20.8	88.1					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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NOV
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-22/-23	1.2																	11	11	12	7														
-24/-25	1.1																	10	10	10	8														
-26/-27	1.0																	9	9	9	11														
-28/-29	.7																	6	6	6	13														
-30/-31	.3																	3	3	3	4														
-32/-33																					6														
-34/-35																					1														
-36/-37																					1														
TOTAL	3.2	37.2	6.7	2.4	.4													900	900	900	900														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

DFC
MONTH

PAGE 1 0000-0200
HOURS (U S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point									
42/ 41		.1																1	1											
40/ 39																				1										
38/ 37		.2	.4	.1														7	7		1									
36/ 35	.1	1.0	1.6															24	24	5	3									
34/ 33		1.2	.8															18	18	24	2									
32/ 31	.2	.4																6	6	21	9									
30/ 29	.3	2.2																23	23	15	17									
28/ 27	.3	3.5	.2															36	36	22	27									
26/ 25	.6	3.1	.1															34	34	42	27									
24/ 23	1.5	4.7	.1															56	56	49	28									
22/ 21	1.1	2.6																33	33	49	35									
20/ 19	2.4	2.1																40	40	39	50									
18/ 17	2.5	1.8																38	38	40	45									
16/ 15	3.7	2.0																51	51	53	37									
14/ 13	3.4	.3																33	33	37	39									
12/ 11	4.0	.2																38	38	41	54									
10/ 9	3.5	.4																35	35	34	42									
8/ 7	3.6																	32	32	33	40									
6/ 5	2.9	.3																29	29	26	30									
4/ 3	3.5	.2																33	33	36	29									
2/ 1	2.8	.1																26	26	26	27									
0/ -1	1.3	.1																13	13	12	31									
-2/ -3	1.7	.1																16	16	17	22									
-4/ -5	1.7																	15	15	15	12									
-6/ -7	2.6																	23	23	23	16									
-8/ -9	3.9	.1																36	36	36	21									
-10/-11	2.6	.1																24	24	23	18									
-12/-13	2.1	.1																20	20	21	36									
-14/-15	1.6																	14	14	14	18									
-16/-17	1.1																	10	10	10	14									
-18/-19	2.0																	18	18	18	13									
-20/-21	2.0																	18	18	18	26									
-22/-23	1.1																	10	10	10	15									
-24/-25	2.5																	22	22	22	20									
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																														
Wet Bulb																														
Dew Point																														

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316
STATIONWHITEHOUSE VT DUT APT
STATION NAME57-66
YEARSDEC
MONTHPAGE 2 0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9	10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
-26/-27	.9																		8	8	8	22		
-28/-29	1.2																		11	11	11	11		
-30/-31	1.7																		15	16	15	10		
-32/-33	1.2																		11	11	11	10		
-34/-35	1.3																		12	21	12	20		
-36/-37																				10		6		
-38/-39																				9		3		
-40/-41																				4		3		
-42/-43																				2				
-44/-45																				3				
-46/-47																				3				
TOTAL	69.2	27.4	3.4	.1															889	930	889	889		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

57-66

26316	WHITEHORSE VT DIST APT
STATION	STATION NAME

DEC

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HOURS 11. S. T. 1

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USAFETAC FORM 0-26-5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE YT OUT APT
STATION	STATION NAME

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MONTH

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
-30/-31	1.0																	9	9	9	14								
-32/-33	1.1																	10	11	10	19								
-34/-35	.5																	4	11	4	11								
-36/-37																			11		3								
-38/-39																			6		3								
-40/-41																			8										
-42/-43																			7										
-46/-47																			6										
TOTAL	69.6	26.9	3.2	.3														884	930	884	884								

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
A-1 FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT

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DEC

STATION STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS	S	T
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[illegible]0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DDT APT
STATION STATION NAME

57-66

DEC
MONTH

PACF 1 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316	WHITEHORSE VT DIST APT
STATION	STATION NAME

57-66

DEC
MONTH

PAGE 2 0900-1100
HOURS: L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-28/-29	2.5																	22	22	22	18											
-30/-31	2.1																	19	19	19	20											
-32/-33	.3																	3	5	3	16											
-34/-35	.8																	7	10	7	11											
-36/-37																			5			6										
-38/-39																			10													
-40/-41																			6			4										
-42/-43																			8													
-44/-45																			2													
-46/-47																			3													
-48/-49																			2													
TOTAL	70.1	125.4	4.3	.2														889	930	889	889											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE VT OUT APT
STATION NAME

57-66

DEC

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
-28/-29	1.9																	17	17	17	12		
-30/-31	2.0																	19	18	18	14		
-32/-33	.6																	5	7	5	10		
-34/-35	.3																	3	8	3	17		
-36/-37																			8		10		
-38/-39																			6		3		
-40/-41																			3		1		
-42/-43																			2				
-44/-45																			4				
TOTAL	65.8	28.8	5.0	.4														900	930	900	900		

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	6244660	74712	83.0	6.881	900							93
Dry Bulb	417099	5621	6.0	20.308	930	33.8	85.7					93
Wet Bulb	345242	6234	6.9	18.322	900	31.9	88.9					93
Dew Point	327570	3018	3.4	18.791	900	35.0	92.1					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

76310 WHITEHOUSE VT DJT APT
STATION NAME

57-66

YEARS

DEC
MONTH

PAGE 2 1500-1700

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb		TOTAL Wet Bulb		TOTAL Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT
STATION NAME

57-66

DEC

PAGE 2 1800-2000
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
-26/-27	1.1																	10	10	10	17					
-28/-29	2.2																	20	20	20	19					
-30/-31	2.0	.1																19	19	19	11					
-32/-33	1.6																	14	14	14	13					
-34/-35	.7																	6	11	6	22					
-36/-37																			3		11					
-38/-39																			4		4					
-40/-41																			6		1					
-42/-43																			7							
-44/-45																			2							
TOTAL	07.7	28.2	3.8	.3														902	930	902	901					

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6438601	75915	84.3	6.854	901							
Dry Bulb	422067	3191	3.620	570	930	32.8	87.2					93
Wet Bulb	356018	5762	6.418	763	902	31.3	88.8					93
Dew Point	336197	2797	3.119	076	901	34.9	92.1					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26316 WHITEHORSE YT DUT APT

57-66

250

PAGE 1

2100-2300

HOURS: 11.5, S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26310

WHITEHORSE YT OUT APT

57-66

DEC

PAGE 2

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
-28/-29	.8																	7	7	7	20			
-30/-31	2.6																	23	23	23	7			
-32/-33	1.9																	17	17	17	15			
-34/-35	1.2																	11	14	11	18			
-36/-37																			8		11			
-38/-39																			2		7			
-40/-41																			1		3			
-42/-43																			9		1			
-44/-45																			7					
TOTAL	67.9	28.3	3.2	.6														900	930	900	900			

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6409650	75692	84.1	6.979	900							93
Dry Bulb	420734	4666	5.020	6.81	930	33.5	88.1					93
Wet Bulb	349076	5430	6.018	7.58	900	31.5	86.5					93
Dew Point	334387	2383	2.619	1.03	900	36.1	92.3					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26316 WHITEHORSE YT DUT APT

57-66

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	-1.9	8.0	12.8	27.5	37.0	46.6	50.9	48.6	41.4	30.7	14.4	4.6	26.8											
	S D	21.61215	15.58615	15.587	7.531	6.301	5.488	4.766	5.431	6.544	9.80716	16.00320	20.311	21.896											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
03-05	MEAN	-2.4	7.1	10.5	25.1	35.0	44.6	48.6	46.2	39.8	29.9	13.9	4.3	25.3											
	S D	21.80016	16.04316	16.367	8.081	6.184	4.957	4.534	5.521	6.92610	10.05516	16.01420	20.392	21.557											
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10956											
06-08	MEAN	-3.2	6.4	9.7	27.7	40.2	50.0	53.3	49.4	40.7	29.6	13.3	4.3	26.9											
	S D	21.91115	15.99516	16.631	8.487	7.028	5.716	4.820	5.670	6.89910	10.20816	16.39820	20.535	23.289											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
09-11	MEAN	-2.6	8.6	16.1	34.9	47.1	57.1	60.1	56.6	47.4	33.1	14.6	4.4	31.6											
	S D	21.71915	15.77615	15.409	8.504	8.271	7.472	6.557	6.652	6.696	9.84416	16.39320	20.674	25.257											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
12-14	MEAN	.3	13.8	23.0	39.2	50.7	61.2	64.7	61.4	52.2	36.8	17.2	6.0	35.7											
	S D	20.72314	14.77013	13.889	8.393	8.867	8.222	7.321	7.780	7.021	9.69415	15.84720	20.308	25.469											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
15-17	MEAN	.5	14.8	24.5	39.9	51.3	61.6	65.6	62.2	52.4	36.3	16.5	6.1	36.1											
	S D	20.51614	14.49313	13.215	8.127	8.842	8.015	7.827	8.168	7.191	9.51416	16.04720	20.328	25.553											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
18-20	MEAN	-.6	11.7	19.9	36.3	48.4	58.8	62.8	58.5	48.0	33.2	15.1	5.6	33.2											
	S D	20.93915	15.03813	13.941	7.687	8.546	7.784	7.511	7.699	6.770	9.31316	16.18820	20.570	25.011											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
21-23	MEAN	-1.3	9.9	16.0	31.2	42.1	52.6	56.2	52.4	43.8	31.5	14.5	5.0	29.6											
	S D	21.07415	15.25914	14.827	7.049	7.208	6.625	5.943	6.102	6.318	9.52416	16.08320	20.681	23.142											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
ALL HOURS	MEAN	-1.4	10.0	16.6	32.7	44.0	54.0	57.8	54.4	45.7	32.6	15.0	5.0	30.6											
	S D	21.32115	16.64515	15.884	9.587	9.697	9.237	8.759	8.822	8.26310	10.07916	16.16220	20.479	24.258											
	TOTAL OBS	7439	6768	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87647											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26316 WHITEHORSE YT DUT APT

57-66

STATION		STATION NAME												YEARS	
HRS	LS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	1.0	7.3	11.6	23.0	33.0	41.7	45.8	44.7	38.5	28.6	13.5	6.2	25.1	
	S D	16.643	14.892	14.702	6.692	5.292	4.515	3.865	4.402	5.536	8.694	15.201	18.000	19.226	
	TOTAL OBS	860	846	921	900	930	900	930	930	900	930	900	889	10836	
03-05	MEAN	1.0	6.5	9.6	23.2	31.9	40.7	44.7	43.2	37.4	27.9	13.1	6.1	24.1	
	S D	16.401	15.190	15.618	7.383	5.483	4.429	3.905	4.658	5.842	8.967	15.257	17.746	19.100	
	TOTAL OBS	847	844	921	899	930	900	930	930	900	930	900	884	10815	
06-08	MEAN	4.4	6.0	8.8	24.9	35.0	43.9	47.5	45.3	38.1	27.7	12.5	6.1	25.1	
	S D	18.344	15.156	15.797	7.390	5.413	4.323	3.517	4.277	5.759	9.134	15.595	17.823	20.110	
	TOTAL OBS	842	843	919	900	930	900	930	930	900	930	899	883	10806	
09-11	MEAN	1.0	8.0	14.2	29.7	38.3	46.8	50.5	48.8	42.0	30.2	13.6	6.0	27.8	
	S D	18.072	14.827	14.146	6.431	5.467	4.519	3.829	4.093	4.878	8.357	15.514	18.202	20.567	
	TOTAL OBS	844	843	918	900	930	900	930	930	900	930	900	889	10814	
12-14	MEAN	2.6	12.5	19.8	32.2	40.0	48.3	52.0	50.5	44.1	32.5	15.9	6.9	30.1	
	S D	17.784	13.618	12.133	5.812	5.429	4.466	3.945	4.209	4.764	7.691	14.705	18.322	19.980	
	TOTAL OBS	868	846	919	900	930	900	930	930	900	930	900	900	10853	
15-17	MEAN	2.7	13.4	21.1	32.6	40.2	48.6	52.2	50.6	44.1	32.2	15.4	6.7	30.3	
	S D	17.734	13.358	11.390	5.547	5.353	4.419	3.981	4.181	4.832	7.610	15.058	18.664	19.966	
	TOTAL OBS	871	846	921	900	930	900	930	930	900	930	900	906	10864	
18-20	MEAN	2.0	10.7	17.7	30.7	38.9	47.7	51.4	49.3	42.1	30.3	14.2	6.4	28.7	
	S D	18.001	14.112	12.590	5.594	5.433	4.578	4.087	4.248	4.945	7.956	15.379	18.763	20.167	
	TOTAL OBS	862	846	921	900	930	900	930	930	900	930	900	902	10851	
21-23	MEAN	1.3	9.1	14.4	27.5	35.9	45.0	48.6	46.6	39.9	29.1	13.6	6.0	26.7	
	S D	16.286	14.493	13.725	5.921	5.259	4.660	3.921	4.330	5.175	8.378	15.310	18.758	19.729	
	TOTAL OBS	866	846	921	900	930	900	930	930	900	930	900	900	10853	
ALL HOURS	MEAN	1.5	9.2	14.7	28.2	36.6	45.3	49.1	47.4	40.8	29.8	14.0	6.3	27.2	
	S D	18.166	14.689	14.484	7.209	6.152	5.300	4.724	5.039	5.788	8.533	15.283	18.286	19.983	
	TOTAL OBS	6860	6760	7361	7199	7440	7200	7440	7440	7200	7440	7199	7153	86692	

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26316 WHITEHORSE VT OUT APT

57-66

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	-2.7	3.3	6.8	19.6	27.2	36.2	41.0	40.8	35.1	24.7	10.0	2.8	20.7											
	S D	19.19213	15.12414	14.701	7.390	6.038	5.981	4.807	4.796	5.786	8.90415	5.21018	18.234	19.167											
	TOTAL OBS	860	846	921	900	930	900	930	930	900	930	900	889	10836											
03-05	MEAN	-2.7	2.5	5.2	18.3	27.1	36.4	41.0	40.3	34.6	24.3	9.9	2.8	20.3											
	S D	18.90415	15.36015	15.631	8.195	6.228	5.545	4.525	4.751	5.767	9.16815	5.38218	18.001	19.336											
	TOTAL OBS	347	844	921	899	930	900	930	930	900	930	900	884	10815											
06-08	MEAN	-3.2	2.1	4.5	19.0	27.5	37.4	42.3	41.6	35.0	24.2	9.0	2.8	20.5											
	S D	18.78115	15.39115	15.777	8.033	6.156	5.889	4.341	4.519	5.693	9.35715	6.17118	18.098	19.845											
	TOTAL OBS	842	843	919	900	930	900	930	930	900	930	899	883	10806											
09-11	MEAN	-3.0	3.7	8.2	20.7	26.4	36.4	42.2	42.0	36.2	25.5	9.7	2.5	21.2											
	S D	18.53815	15.07414	14.369	6.665	6.991	6.602	5.010	4.894	5.445	8.52615	5.64818	18.645	19.374											
	TOTAL OBS	844	843	918	900	930	900	930	930	900	930	900	889	10814											
12-14	MEAN	-1.6	7.2	12.1	20.6	25.8	35.4	41.1	41.0	35.3	26.1	11.5	3.4	21.7											
	S D	18.26613	13.87212	12.406	6.130	7.482	6.909	5.768	5.298	6.276	7.86814	6.70918	18.791	18.156											
	TOTAL OBS	868	846	919	900	930	900	930	930	900	930	900	900	10853											
15-17	MEAN	-1.3	8.2	13.2	20.7	25.1	35.5	40.8	40.5	35.1	25.9	11.4	3.3	21.8											
	S D	18.28713	13.54611	11.488	6.084	7.477	7.084	6.179	5.352	6.523	7.78815	5.11718	18.969	17.942											
	TOTAL OBS	871	846	921	900	930	900	930	930	900	930	900	906	10864											
18-20	MEAN	-1.8	6.1	11.4	21.3	25.8	36.5	41.4	41.2	35.8	25.5	10.6	3.1	21.7											
	S D	18.36314	14.16412	12.613	6.022	7.293	7.301	5.963	5.245	5.889	8.21115	5.51419	18.076	18.629											
	TOTAL OBS	862	846	921	900	930	900	930	930	900	930	900	901	10850											
21-23	MEAN	-2.5	4.7	9.1	20.7	26.9	37.1	41.9	41.2	35.4	24.9	10.0	2.6	21.3											
	S D	18.91214	14.61913	13.691	6.611	6.538	6.616	5.247	5.190	5.751	8.62615	5.43519	18.103	19.126											
	TOTAL OBS	866	846	921	900	930	900	930	930	900	930	900	900	10853											
ALL HOURS	MEAN	-2.3	4.7	8.8	20.1	26.4	36.4	41.5	41.1	35.3	25.2	10.2	2.9	21.2											
	S D	18.68414	14.80014	12.228	6.999	6.843	6.545	5.294	5.032	5.915	8.59515	5.34718	18.616	18.963											
	TOTAL OBS	6860	6760	7361	7199	7440	7200	7440	7440	7200	7440	7199	7152	86691											

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

2

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1-10	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	10
	11-20	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	20
	21-30	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	30
	31-40	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	40
	41-50	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	50
	51-60	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	60
	61-70	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	70
	71-80	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	80
	81-90	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90
	91-100	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	TOTALS	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	1000

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	44
	1	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	2	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	3	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	4	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	5	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	6	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	7	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	8	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	9	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	10	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	11	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	12	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	13	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	14	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	15	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	16	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	17	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	18	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	19	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	20	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	21	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	22	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	23	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	24	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	44
	TOTALS	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	44

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1100-1200	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1200-1300	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1300-1400	100.0	100.0	100.0	99.0	97.0	94.0	90.0	85.0	79.0	70.0	10
	1000-1100	100										

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

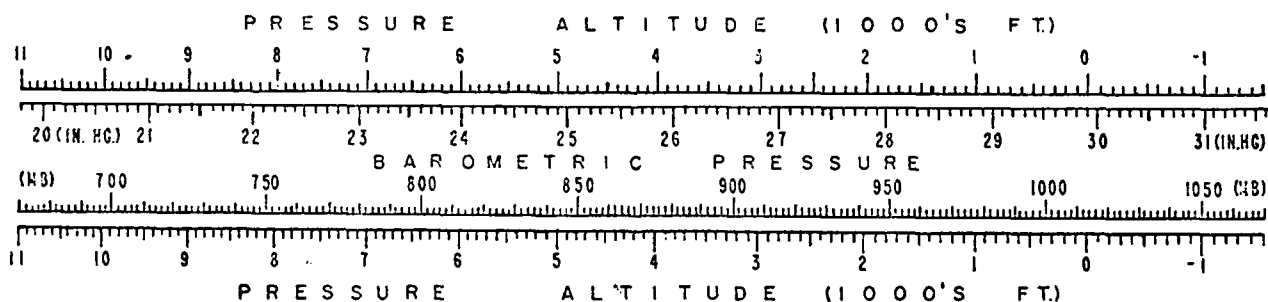
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

26316 WHITEHORSE VT DUT APT

57-66

STATION		STATION NAME												YEARS													
HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
00	MEAN	27.47927.37827.38927.41527.47727.47627.54527.50827.44427.27327.32627.32127.419																									
	S D	.388.340.296.277.193.162.135.175.236.321.364.373.295																									
	TOTAL OBS	310282310300310300310310300310300310300310																									
03	MEAN	27.48227.37727.39227.42027.48627.48727.53627.51427.44627.26927.32827.32227.424																									
	S D	.386.341.297.282.194.164.139.179.238.320.365.371.297																									
	TOTAL OBS	3102823103003103003103103003103003103003093651																									
06	MEAN	27.47827.36927.39527.42827.49227.49327.56327.52227.44827.26627.32527.31527.425																									
	S D	.385.341.300.286.196.165.143.183.240.321.366.368.299																									
	TOTAL OBS	3102823103003103003103103003103003103003103652																									
09	MEAN	27.48627.37627.39927.42727.48327.48127.55427.51727.45027.27527.33427.32227.426																									
	S D	.384.345.301.284.194.164.143.181.242.322.367.368.298																									
	TOTAL OBS	3102823103003103003103103003103003103003103652																									
12	MEAN	27.48527.37827.38827.41527.48427.45627.53227.49927.43527.27027.33127.32127.415																									
	S D	.384.348.297.275.191.162.141.177.239.321.365.367.294																									
	TOTAL OBS	3102823103003103003103003103003103003103103652																									
15	MEAN	27.47427.36727.36727.39927.44827.43927.51127.47827.41827.25927.31927.31527.400																									
	S D	.382.347.291.268.189.159.136.172.235.320.362.367.291																									
	TOTAL OBS	3102823103003103003103003103103003103003103652																									
18	MEAN	27.47027.36927.36327.39227.44027.43427.50127.46927.41427.26027.31827.31527.396																									
	S D	.385.347.289.263.188.157.132.170.232.322.363.369.290																									
	TOTAL OBS	3102823103003103003103003103103003103003103652																									
21	MEAN	27.47327.37427.37627.41127.46127.45427.52127.48927.42827.26827.32127.31927.408																									
	S D	.387.346.290.266.191.156.132.173.236.324.363.371.292																									
	TOTAL OBS	3102823103003103003103003103103003103003103652																									
ALL HOURS	MEAN	27.47827.37327.38427.41427.46927.46527.53527.50027.43527.26727.32527.31927.414																									
	S D	.385.344.295.275.192.162.139.177.237.321.364.369.295																									
	TOTAL OBS	248022562480240024802400248024802400248024002480240024792921																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

26316 WHITEHORSE VT DUT APT

57-66

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN S D TOTAL OBS	1018.9 15.318 310	1013.8 12.930 282	1013.5 11.125 310	1012.9 10.323 300	1014.2 7.027 310	1013.2 5.900 300	1015.4 4.847 310	1014.2 6.367 310	1012.7 8.759 300	1007.6 12.094 310	1011.3 14.305 300	1012.3 14.976 310	1013.3 11.189 3652
03	MEAN S D TOTAL OBS	1018.9 15.247 310	1013.7 12.913 282	1013.5 11.177 310	1013.1 10.493 300	1014.6 7.108 310	1013.7 6.024 300	1015.8 5.001 310	1014.5 6.515 310	1012.8 8.839 300	1007.4 12.064 310	1011.4 14.319 300	1012.3 14.883 310	1013.5 11.232 3652
06	MEAN S D TOTAL OBS	1018.9 15.240 310	1013.5 13.038 282	1013.5 11.311 310	1013.5 10.639 300	1014.8 7.150 310	1013.9 6.001 300	1016.0 5.166 310	1014.9 6.664 310	1013.1 8.923 300	1007.5 12.138 310	1011.4 14.386 300	1012.1 14.834 310	1013.6 11.297 3652
09	MEAN S D TOTAL OBS	1019.3 15.213 310	1013.9 13.236 282	1014.1 11.377 310	1013.4 10.565 300	1014.3 7.051 310	1013.3 5.965 300	1015.6 5.145 310	1014.7 6.577 310	1013.1 8.957 300	1007.8 12.192 310	1011.7 14.469 300	1012.4 14.820 310	1013.6 11.295 3652
12	MEAN S D TOTAL OBS	1019.1 15.207 310	1013.8 13.245 282	1013.4 11.155 310	1012.9 10.269 300	1013.7 6.934 310	1012.4 5.873 300	1014.9 5.066 310	1013.9 6.413 310	1012.4 8.846 300	1007.5 12.089 310	1011.5 14.375 300	1012.3 14.788 310	1013.2 11.200 3652
15	MEAN S D TOTAL OBS	1018.6 15.086 310	1013.3 13.164 282	1012.6 10.940 310	1012.4 9.977 300	1013.2 8.893 310	1011.9 5.837 300	1014.2 4.924 310	1013.2 6.242 310	1011.7 8.656 300	1007.1 12.039 310	1011.1 14.230 300	1012.0 14.782 310	1012.6 11.081 3652
18	MEAN S D TOTAL OBS	1018.6 15.251 310	1013.5 13.207 282	1012.7 10.899 310	1012.2 9.793 300	1012.9 6.841 310	1011.7 5.714 300	1013.8 4.777 310	1013.0 6.173 310	1011.8 8.604 300	1007.3 12.156 310	1011.2 14.211 300	1012.5 14.711 310	1012.6 11.081 3652
21	MEAN S D TOTAL OBS	1018.8 15.303 310	1013.8 13.186 282	1013.2 10.963 310	1012.8 9.888 300	1013.8 6.930 310	1012.5 5.703 300	1014.4 4.743 310	1013.7 6.274 310	1012.3 8.718 300	1007.6 12.236 310	1011.5 14.317 300	1012.3 14.950 310	1013.0 11.131 3652
ALL HOURS	MEAN S D TOTAL OBS	1018.9 15.213 2480	1013.7 13.097 2256	1013.4 11.114 2480	1012.9 10.242 2400	1013.9 7.013 2480	1012.8 5.920 2400	1015.0 5.015 2480	1014.0 6.429 2480	1012.5 8.789 2400	1007.5 12.111 2480	1011.4 14.316 2400	1012.2 14.842 2480	1013.2 11.194 29216

END

DATE
FILMED

7-81

DTIC